



REPLY TO
ATTENTION OF:

**DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001**

Mississippi Branch
Regulatory Division

**GENERAL PERMITS FOR MINOR STRUCTURES AND ACTIVITIES
IN THE STATE OF MISSISSIPPI
WITHIN THE REGULATORY BOUNDARIES OF THE MOBILE DISTRICT
U.S. ARMY CORPS OF ENGINEERS,**

Effective Date: May 17, 2018

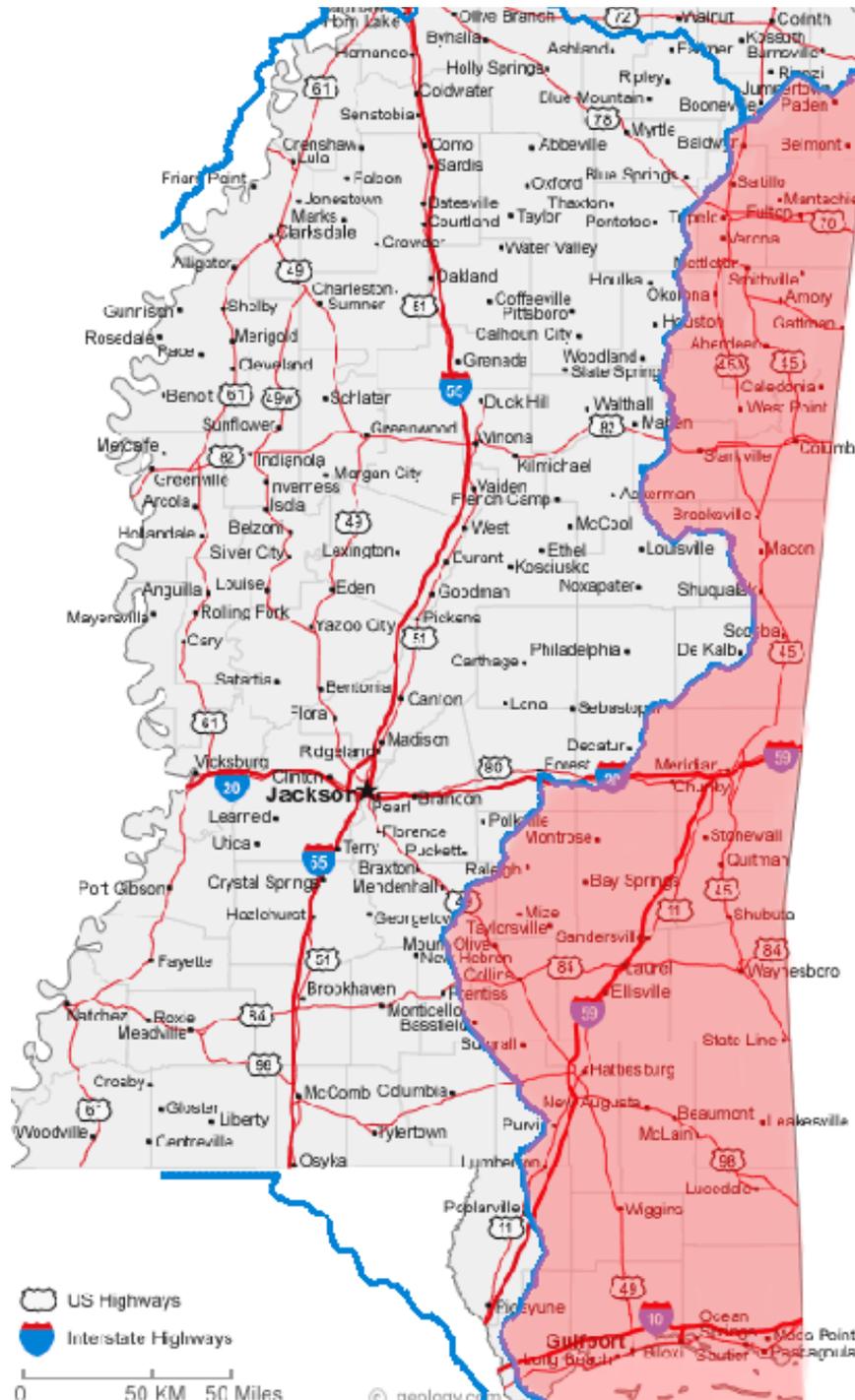
Expiration Date: May 17, 2023

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act (33 USC 1344), the Mobile District, U.S. Army Corps of Engineers (Mobile District) hereby revises and issues the following Mississippi General Permits (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impacts, the Mobile District will regulate specific minor structures and activities in waters of the U.S., in the state of Mississippi, within the Regulatory boundaries of the Mobile District under the Regional General Permits identified herein. These permits will supersede the Mississippi General Permits issued April 01, 2013.

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GEOGRAPHIC APPLICABILITY

The MSGPs are applicable in waters of the U.S. within the regulatory boundaries of the Mobile District (shaded area below). The Mobile District regulatory boundaries encompass the state of Mississippi east of the Pearl River Basin to the eastern border of the state and north to Mile 442.3 of the Tennessee-Tombigbee Waterway Project. The MSGPs are **excluded** from use in areas outside the footprints of existing marinas in the Mississippi Sound south of the Highway 90 bridges over the Biloxi Bay and St. Louis Bay. For a site specific determination of applicability, please contact the Mobile District.



APPLICATION

For project specific verification under the MSGPs, pre-construction notification must be submitted in the form of a completed Joint Application and Notification, U.S. Department of the Army Corps of Engineers, Mississippi Department of Marine Resources, Mississippi Department of Environmental Quality/Office of Pollution Control form. The Mississippi application form can be accessed at our website, www.sam.usace.army.mil/Missions/Regulatory. The following information is typically required for authorization under the Mississippi General Permits:

- (a) Joint Application and Notification Form completed in its entirety;
- (b) Applicant name, address, and contact information;
- (c) Agent name, address, and contact information as well as an agent authorization statement from the applicant;
- (d) Location of the proposed project including street address and latitude and longitude;
- (e) Project description, purpose, and need;
- (f) 8½" x 11" vicinity map indicating project location;
- (g) 8½" x 11" diagrams and plan views of the entire property and the proposed project;
- (h) 8½" x 11" cross-section diagrams of the proposed structures and/or areas of dredge and fill;
- (i) Delineation of wetlands and/or submerged aquatic vegetation;
- (j) Distance across the waterway; and
- (k) Notification of any historic properties listed, determined to be eligible, or which the prospective permittee has reason to believe may be eligible for listing on the National Register of Historic Places which are located on the subject property or would be affected by the proposed activity.

In most instances, a proposed project complying with the conditions of the MSGPs, including the attached General Conditions, can receive project specific authorization. However, conformance with the conditions contained in the MSGPs does not necessarily guarantee authorization under the MSGP. Any proposed project not complying with the conditions of a General Permit will be evaluated as a Standard Permit or Letter of Permission and will be individually coordinated with third parties, including the Federal and state resource agencies.

ADMINISTRATION

Applicants for MSGPs must receive project-specific verification prior to conducting regulated activities in waters of the U.S.

Applications for MSGPs may be submitted to and verifications issued by:

U.S. Army Corps of Engineers
Attention: Regulatory Division
Post Office Box 2288
Mobile, Alabama 36628-0001
Telephone: (251) 690-2658

For projects located in the three coastal counties of Mississippi (**Hancock, Harrison, and Jackson**), authorization is also required from the Mississippi Department of Marine Resources (DMR). Applications may be submitted to the Mobile District through the DMR and verifications issued by:

Mississippi Department of Marine Resources
1141 Bayview Avenue
Biloxi, Mississippi 39530
Telephone: (228) 374-5000

Projects located on Corps lakes of the Tennessee-Tombigbee Waterway must be reviewed and approved by a Resource Manager and the pre-construction notification/application should be submitted to the appropriate office of the Mississippi Lakes of the Tennessee-Tombigbee Waterway:

**U.S. Army Corps of Engineers
Tenn-Tom Project Management Office
3606 West Plymouth Road
Columbus, Mississippi 39701-9504
Telephone: (662) 327-2142**

**U.S. Army Corps of Engineers
Project Manager, Okatibbee Lake
Post Office Box 98
Collinsville, Mississippi 39325-0098
Telephone: (601) 626-8431**

SPECIAL COORDINATION AND CONDITIONS OF THE MSGPs

Prior to verification, some projects will require additional coordination based on location or activity.

To ensure there are no adverse impacts to cultural or historic resources, the Mississippi Department of Archives and History (MDAH) will be consulted prior to verifying work authorized by MSGP-05 for Boat Slips/Boat Berths when the boat slip is constructed in uplands, MSGP-06 for Boat Ramps, MSGP-08 for New Work Channel Dredging, and MSGP-10 for Debris Removal when debris to be removed is more than 50 years old. Once application is made for one of the above-noted MSGPs, MDAH will be provided a copy of the application and a color map of the project location and will be afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates the recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resource Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification.

Compliance with conditions of the State Water Quality Certifications for the MSGPs is required. The State Water Quality Certifications are incorporated as attachments to the MSGPs.

DURATION OF THE MSGPs

These General Permits are valid for five (5) years unless they are modified, reissued, or revoked in the interim. The MSGPs are scheduled to be modified, reissued, or revoked prior to May 17, 2023. Construction authorized under the MSGPs must be complete before May 17, 2023, except for projects verified within the final year of the MSGP authority; in which case, permittees will have twelve (12) months from the date of their project-specific verification to complete the authorized activities under the present terms and conditions of the MSGPs.

REVOCATION OF THE MSGPs

These permits may be revoked by issuance of a public notice at any time the Mobile District determines that the cumulative effects of the activities authorized herein have an adverse effect on the public interest. Following such revocation, any future activities in areas covered by these General Permits will be processed as Individual or Nationwide Permits. However, if you commence or are under contract to commence an authorized activity before the date that the relevant MSGP is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the MSGPs to complete the activity under the present terms and conditions of the MSGP.

JAMES A. DELAPP
Colonel, U.S. Army
District Commander

BY: _____
Craig J. Litteken, PMP
Chief, Regulatory Division

SAM-2016-01232-MJF

MSGP-01 – SHORELINE STABILIZATION:

This permit authorizes the placement of bulkheads, armoring systems (e.g., riprap), bioengineering, and other standard shoreline protection/stabilization devices roughly paralleling, and at, the shoreline or bank for new construction. This permit also authorizes the repair, replacement and maintenance of previously permitted, currently serviceable structures.

Placement of Structure(s): Protection structures must be along the existing shoreline at the mean high tide line in tidal waterbodies, ordinary high water line in non-tidal waterbodies, or landward of all jurisdictional wetlands (including bottomland hardwoods).

Armament Length and Bank Dressing Limitations:

- Bulkhead placement is limited to a total project length of 500 feet for residential and commercial properties.
- There is no limit to the length that may be authorized for repair of previously authorized, currently serviceable structures, provided the structure is not to be put to uses differing from those uses specified or contemplated for in the original permit or most recently authorized modification.
- There is no limit to the length that may be authorized for other protection devices.
- Rip Rap material placed below the plane of ordinary high water or the plane of mean high tide may not exceed an average of one (1) cubic yard per linear foot of shoreline being protected. Rip Rap shall not extend farther than 6 feet into the waterway from the mean high tide line or ordinary high water line.

Protection Fronting Wetlands:

- Flow-through bulkheads designed to dissipate wave energy in wetland areas may be constructed waterward of the wetlands and placed below the line of mean high tide or ordinary high water if they are designed to allow for the normal hydrologic regime to be maintained in the wetland areas and they do not pose a hazard to navigation.
- No wetlands shall be filled.

Construction Limitations:

- For maintenance purposes, vertical face structures intended to replace failing structures may be placed waterward of the failing structure at the minimum distance necessary to facilitate construction, but no more than 24 inches waterward from the base of the failing structure.
- Upon structural failure or loss due to a discrete storm event, reconstruction of the failed structure shall occur at the base, within the original footprint, of the previous structure.
- Structures must be constructed in a manner designed to avoid creating areas of still or stagnant water.

Construction Material Requirements:

- Filter Fabric: Use of the appropriate filter fabric is required.
- Backfill Material: Only clean material free of waste, metal and organic trash, unsightly debris, petroleum products (such as asphalt), etc., may be used as backfill.
- Riprap Material: Only clean riprap material (i.e. free of exposed rebar, asphalt, plastic, soil, etc.), may be used. Riprap may be used to augment other protection methods.

Prohibited Activities: This permit does not authorize (1) placement of fill in wetlands or shellfish beds; (2) adverse impacts to wetlands, submerged grass beds or shellfish beds; or (3) ancillary structures, such as groins and jetties, roughly perpendicular to the shoreline. This permit may not be used to regain land lost due to erosion, or otherwise accrete land; however, consideration will be given to land lost during discrete storm events on a case-by-case basis.

SAM-2016-01233-MJF

MSGP-02 – DOCKS, PIERS, WHARVES, BOAT SHELTERS:

This permit authorizes the construction and modification of piers, wharves, and boat shelters; their normal appurtenances such as stairways, walkways, and railings; and, small enclosed storage areas. This permit also authorizes the repair, replacement and maintenance of previously permitted, currently serviceable structures.

Construction and Size Limits:

- The square footage covered by fixed or floating structures, including docks, platforms, boat shelters, and associated structures, excluding access piers, shall not exceed a total of 2,000 square feet. This size limit is to include the square footage of the berthing areas.
- A limit of 5 boat berthing areas, including berthing for personal watercraft, can be authorized under this permit.
- Covered boat shelters and hoists shall be open-sided, limited to a 25-foot height above mean high tide or ordinary high water with a length not to exceed 50 feet. Boat shelters and/or hoists shall not be constructed over wetlands or submerged vegetation.
- Enclosed storage areas shall not exceed 100 square feet in total.
- Platforms, boat berths, etc. shall not be constructed over wetlands, shellfish beds, or submerged grasses.
- The addition of a single-story roof or covering structure on an existing open-deck pier that does not require the installation of additional pilings is authorized by this permit.

Waterward Construction Limits: The finished structures shall not pose a hazard to navigation or extend more than 25 percent of the distance across the waterbody. Structures may be constructed at a location sufficient to obtain navigable depth, but no more than 1000 feet from the mark of mean high tide or ordinary high water, and should be consistent with surrounding, nearby structures.

Access Piers: For the purposes of this document, access piers are considered to be those structures, typically perpendicular to the shoreline, necessary to link docks, platforms, boathouses, and similar structures to land.

- The maximum width of access piers constructed over open water shall be limited to 6 feet unless otherwise authorized by the District.
- An access pier over emergent non-forested wetlands or water with submerged aquatic vegetation shall be no more than 6 feet wide and the height of the structure above the ground surface or mean high tide must be at least as high as it is wide (i.e., a 6-foot wide walkway/pier would be constructed at least 6 feet above mud level or line of mean high water).
- Special construction methods may be required for the installation of pilings in areas of wetlands or submerged grass beds. Pile driving during high tide to facilitate use of shallow draft barges is the preferred method of installation, but jetting with a low pressure pump may be used. Pilings shall be installed in a manner that will not result in the formation of sedimentary deposits ('donuts' or 'halos') around the newly installed pilings.

Existing Marinas:

- Altering pier configuration or adding berthing spaces within existing marina boundaries may be permitted.
- If construction results in additional boats being berthed, a wastewater pump out facility may be required.
- New marinas and expansions of existing marinas beyond existing boundaries may not be permitted under this Permit.

Excluded Structures: This permit does not authorize the following: (1) public-use or community-use piers, (2) structures for the permanent mooring of houseboats, (3) fueling facilities, (4) toilets, and/or habitable structures, and activities that produce "gray water", (5) new marinas, (6) expansion of an existing marina beyond the existing authorized footprint, (7) the mechanical clearing or filling of wetlands, or (8) impacts to wetlands, submerged aquatic vegetation (SAV) or shellfish beds.

SAM-2016-01234-MJF

MSGP-03 LIVING SHORELINES:

This permit is placed under Reserved status pending further review and coordination by the Corps of Engineers, Mobile District. Should this permit be re-authorized, a Public Notice announcement will then be issued.

SAM-2016-01235-MJF

MSGP-04 – MOORING PILINGS AND SINGLE PILE STRUCTURES:

This permit authorizes mooring pilings (i.e. dolphins or single piles), and single-pile structures (i.e. wood duck box, osprey platform) within residential and commercial/industrial areas. All structures shall be limited to no more than 25 feet in height above mean high tide or ordinary high water, 2,000 square feet of berthing space, and may not extend into the waterway more than 25% of the width of the waterway.

Berthing Limits:

- A limit of 5 single-family, residential-use boat berthing areas, to include berthing for personal watercraft, can be authorized under this Permit.
- Structures for the permanent mooring of houseboats are not authorized by this permit.

Single-Pile Structures:

- Single-pile structures may include posts for wood duck nests, osprey platforms, etc.

Dolphins: Should dolphin construction (cluster pilings) require any material other than pilings or similar solid, linear structures being placed in waters of the U.S., all project details must be submitted to the authorizing agency.

SAM-2016-01236-MJF

MSGP-05 – DREDGING FOR CREATION OF BOAT SLIPS/BOAT BERTHS:

This permit authorizes the construction and/or modification of boat slips and boat berths.

Cubic Yards of Dredged Material:

- This permit allows dredging of up to 500 cubic yards of material from below the mean high tide line or ordinary high water mark.
- Dredging depths are limited to the controlling navigational depth of the receiving waters.
- If an existing slip or berth is being modified or enlarged, the total volume dredged originally, plus that being proposed to be dredged, cannot exceed 500 cubic yards of material below mean high tide line or ordinary high water mark.

Best Management Practices: Best management practices should be used at all times during construction to minimize turbidity at both the dredged and spoil sites. Methods should include, but not be limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent. Additional best management practices as required by the Mississippi Department of Environmental Quality will apply regarding the return water from the disposal area.

Coordination with SHPO: Coordination with the Mississippi Department of Archives and History is required prior to verification under MSGP-05 when the work would excavate uplands. In such cases, MDAH will be provided a copy of the application and be afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resource Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification.

Disposal Area:

- All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site, unless otherwise authorized by the Mobile District. For a list of Beneficial Use project sites, please contact DMR, Office of Coastal Ecology.
- Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off-site and into adjacent drainage areas.
- Disposal on sand beaches is prohibited.

Configuration and Number of Slips:

- Keyhole boat slips shall not be permitted under this authorization. Indented boat slips are acceptable.
- The length of the slip shall not exceed 50 feet. Length is defined as the measurement perpendicular to the bank or shoreline (see attached diagram).
- A limit of 5 boat berthing areas, including berthing for personal watercraft, can be authorized under this Permit.

Construction Limits:

- A minimum 10-foot buffer must be maintained between the proposed work area and wetlands and a 3:1 (horizontal: vertical) side slope or flatter must be maintained.
- This permit does not authorize dredging in wetlands, submerged aquatic vegetation, or natural shellfish beds.
- This permit does not authorize construction of ancillary shoreline stabilization structures such as groins and jetties, or any solid structures roughly perpendicular to the shore or bank.

SAM-2016-01237-MJF

MSGP-06 – BOAT RAMPS:

This permit authorizes the construction or modification of boat ramps.

Cubic Yards to be Dredged/Filled: This permit allows up to 250 cubic yards of material to be dredged and the placement of up to 50 cubic yards of fill below mean high tide line or the ordinary high water mark for construction of a boat ramp. The use of unsuitable material that is structurally unstable is not authorized. Only clean fill material may be used.

Location of Ramps:

- Care should be taken in the placement of boat ramps to avoid interrupting the natural movement of sediments.
- Storm water runoff from boat ramp approaches and parking areas shall not be directed down the boat ramp.
- Care should be taken to prevent erosion of side banks.

Best Management Practices: Best management practices should be used at all times during construction to minimize turbidity at both the dredged and spoil sites. Methods should include, but are not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent. Additional best management practices as required by the Mississippi Department of Environmental Quality will apply regarding the return water from the disposal area.

Coordination with SHPO: Coordination with the Mississippi Department of Archives and History is required prior to verification under MSGP-06. MDAH will be provided a copy of the application and be afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resources Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification.

Disposal Area:

- All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site, unless otherwise authorized by the Mobile District. For a list of Beneficial Use project sites, please contact DMR, Office of Coastal Ecology.
- Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off-site and into adjacent drainage areas.
- Disposal on sand beaches is prohibited.

Construction Limits: This permit does not authorize: (1) ancillary structures such as groins, jetties, or any solid structures roughly perpendicular to the shore or bank; (2) dredging or filling in wetlands (including bottomland hardwoods), submerged grass beds, or natural shellfish beds; and (3) boat ramps where adverse impacts to submerged grass beds or natural shellfish beds would occur as a result of normal use. No dredged material shall be used to raise the elevation of any wetlands.

SAM-2016-01238-MJF

MSGP-07 – MAINTENANCE DREDGING:

This permit authorizes the maintenance dredging of previously authorized dredged areas for the purpose of navigation.

Cubic Yards of Material to be Removed: Maintenance dredging of up to 2,500 cubic yards of material is authorized by this permit; however, maintenance dredging of previously authorized residential boat slips or open-water berths shall be limited to 500 cubic yards of material (See MSGP-05).

Area to be Dredged: Dredging is limited to the previously dredged and previously authorized dimensions. Documentation of previously authorized and/or maintained depths and dimensions should be provided.

Disposal Area:

- All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site, unless otherwise authorized by the Mobile District. For a list of Beneficial Use project sites, please contact DMR, Office of Coastal Ecology.
- Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off-site and into adjacent drainage areas.
- Disposal on sand beaches is prohibited.

Best Management Practices: Best management practices should be used at all times during construction to minimize turbidity at both the dredged and spoil sites. Methods should include, but not be limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent. Additional best management practices as required by the Mississippi Department of Environmental Quality will apply regarding the return water from the disposal area.

Hydrographic Survey: Before and after hydrographic surveys or SAV and/or shellfish surveys may be required based on local knowledge of the waterway and likelihood that important aquatic resources or special aquatic sites could be present.

Special Aquatic Sites:

- No dredging of wetlands, submerged grassbeds, or shellfish beds is authorized (exceptions may be made for noxious, invasive, or exotic vegetation, as determined or verified by staff, in man-made waterbodies).
 - A minimum 10-foot buffer must be maintained between the proposed work area and wetlands and a 3:1 (horizontal: vertical) side slope or flatter must be maintained.
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SAM-2016-01239-MJF

MSGP-08 – NEW WORK CHANNEL DREDGING:

This permit authorizes new work dredging of open water channels for navigation access.

Cubic Yards of Material to be Removed: Dredging of up to 1,000 cubic yards of material is authorized by this permit. Authorization under this permit is limited to open water channels for navigation access, and must be a single and complete project.

Maximum Depth of Dredging: Dredging depth must be no greater than that of the controlling navigational depth of the adjacent waters and dredge depths shall not exceed 6 feet below mean low tide or ordinary low water unless specifically authorized.

Best Management Practices: Best management practices should be used at all times during construction to minimize turbidity at both the dredge and spoil sites. Methods should include, but not be limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent. Additional best management practices, as required by Mississippi Department of Environmental Quality, will apply regarding the return water from the disposal area.

Disposal Area:

- All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site, unless otherwise authorized by the Mobile District. For a list of Beneficial Use project sites, please contact DMR, Office of Coastal Ecology.
- Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off- site and into adjacent drainage areas.
- Disposal on sand beaches is prohibited.

Hydrographic Survey: Before and after hydrographic surveys or SAV and/or shellfish surveys may be required based on local knowledge of the waterway and likelihood that important aquatic resources or special aquatic sites could be present.

Fill Material: Dredging for fill material is not authorized under this permit; however, use of dredged material as fill is not prohibited.

Coordination with SHPO: Coordination with the Mississippi Department of Archives and History is required prior to verification under MSGP-08. MDAH will be provided a copy of the application and be afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resources Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification.

Special Aquatic Sites:

- A minimum 10-foot buffer must be maintained between the proposed work area and wetlands and a 3:1 (horizontal: vertical) side slope or flatter must be maintained.
 - No dredging of wetlands, submerged grassbeds, or shellfish beds is authorized (exceptions may be made for noxious, invasive, or exotic vegetation, as determined or verified by staff, in man-made waterbodies).
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SAM-2016-01240-MJF

MSGP-09 – FILL IN PREVIOUSLY DREDGED AREAS:

This permit authorizes the filling of previously dredged or excavated areas such as boat slips, artificial canals, etc.

Previously Dredged Wetlands or Natural Channels: If the area to be filled had previously been a wetland or natural channel, the fill may not exceed the original elevations or dimensions.

Fill Material: Only clean material free of waste, metal or organic trash, unsightly debris, etc., may be used as fill.

Areas Excluded:

- No wetlands, submerged grass beds, natural streams, shellfish beds, or natural channels may be filled.
- No area providing mitigation or enhancement of an aquatic system may be filled.

SAM-2016-01241-MJF

MSGP-10 – DEBRIS REMOVAL:

This permit allows debris to be removed from any waterway for navigation, drainage, and/or pollution control.

Debris Definition: Debris includes, but is not limited to, non-imbedded stumps, tree limbs, appliances, lumber, metal objects, etc.

Non-Authorized Work:

- Dredging of gravel, sand, silt, and the removal of hazardous materials, etc., is not authorized under this permit.
- Snagging of dead (imbedded) or living trees from a stream bank is not authorized under this permit. However, trees imbedded in the bank may be cut off but their stumps may not be removed from the bank.
- Impacts to submerged aquatic vegetation are not authorized under this permit.
- Re-shaping or re-distribution of material in the channel and/or side slopes is not authorized by this permit.
- This permit does not authorize the removal of debris that is itself historic (e.g., shipwrecks).

Disposal Area: All debris must be properly placed in an approved landfill. Alternative sites for the disposal of woody debris may be authorized on a case-by-case basis.

Burning of Debris: Woody debris should not be burned unless full coordination with the Mississippi Department of Environmental Quality/ Air Division has been completed.

Coordination with SHPO: Coordination with the Mississippi Department of Archives and History is required prior to verification under MSGP-10 if the debris to be removed is more than 50 years old (i.e., shipwrecks). MDAH will be provided a copy of the application and be afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resources Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification.

SAM-2016-01242-MJF

MSGP-11 – INTAKE/DISCHARGE STRUCTURES:

This permit is placed under Reserved status pending further review and coordination by the Corps of Engineers, Mobile District. Should this permit be re-authorized, a Public Notice announcement will then be issued.

SAM-2016-01243-MJF

MSGP-12 – SUBSURFACE UTILITY LINES:

This permit is placed under Reserved status pending further review and coordination by the Corps of Engineers, Mobile District. Should this permit be re-authorized, a Public Notice announcement will then be issued.

SAM-2016-01244-MJF

MSGP-13 – WATER MANAGEMENT:

This permit is placed under Reserved status pending further review and coordination by the Corps of Engineers, Mobile District. Should this permit be re-authorized, a Public Notice announcement will then be issued.

SAM-2016-01245-MJF

MSGP-14 – WILDLIFE MANAGEMENT:

This permit is placed under Reserved status pending further review and coordination by the Corps of Engineers, Mobile District. Should this permit be re-authorized, a Public Notice announcement will then be issued.

SAM-2016-01246-MJF

MSGP-15 – AGRICULTURE TYPE ACTIVITIES FOR CREATION OF HABITAT OR FOOD PLOTS:

This permit is placed under Reserved status pending further review and coordination by the Corps of Engineers, Mobile District. Should this permit be re-authorized, a Public Notice announcement will then be issued.

SAM-2016-01247-MJF

MSGP-16 – FIREBREAKS (CREATION AND MAINTENANCE):

This permit is placed under Reserved status pending further review and coordination by the Corps of Engineers, Mobile District. Should this permit be re-authorized, a Public Notice announcement will then be issued.

SAM-2016-01248-MJF

MSGP-17 – DERELICT VESSEL REMOVAL:

This permit is placed under Reserved status pending further review and coordination by the Corps of Engineers, Mobile District. Should this permit be re-authorized, a Public Notice announcement will then be issued.

GENERAL CONDITIONS

NOTE: The term "you" and its derivatives, means the permittee or any future transferee. The above-described structures and activities may be authorized under these General Permits subject to the following conditions:

1. Prior to commencing any work authorized herein, you must obtain project-specific authorization from the USACE and/or Mississippi Department of Marine Resources.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity.
3. The permittee understands and agrees that, if future operations by the United States require the removal, relocation or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the USACE, to remove, relocate or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
4. Verifications will not be issued which will adversely impact threatened or endangered species, or their critical habitat.
5. Verifications will not be issued which will impact, affect or otherwise degrade cultural resources such as archaeological, scientific, prehistoric, or historic sites or data. Activities that will adversely impact cultural resources will be evaluated as Standard Permits. If you discover any previously unknown historic or archaeological remains while accomplishing an authorized activity, you must immediately notify the Mobile District, of what you have found. We will initiate the Federal and State coordination required to determine if the site warrants a recovery effort or if it is eligible for listing in the National Register of Historic Places.
6. In some cases, a submerged aquatic vegetation (SAV) survey may be required (recommended survey dates from June 1 through September 30).
7. Verifications will not be issued for activities located in State or National Wild and Scenic streams, rivers, or components thereof, or other areas provided special protection unless the administering agency concurs.
8. The use of creosote material is not authorized within waters of the United States under this General Permit.
9. You must allow Federal or State resource agency representatives to inspect the proposed and/or authorized activity at any time deemed necessary.
10. Certain activities within the Coastal Zone may require a lease from the Mississippi Secretary of State Office.
11. Failure to secure authorization as specified herein, or failure to comply with conditions of any authorizations verified under these General Permits may result in enforcement actions by the USACE, the Mississippi Department of Environmental Quality or the Mississippi Department of Marine Resources.
12. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to the issuing office to validate the transfer of this authorization.
13. Limits of this authorization.
 - a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.
 - b. This permit does not grant any property rights or exclusive privileges.
 - c. This permit does not authorize any injury to the property or rights of others.

- d. This permit does not authorize interference with any existing or proposed Federal project.

14. Limits of Federal Liability. In verifying this permit, the Federal Government does not assume any liability for the following:

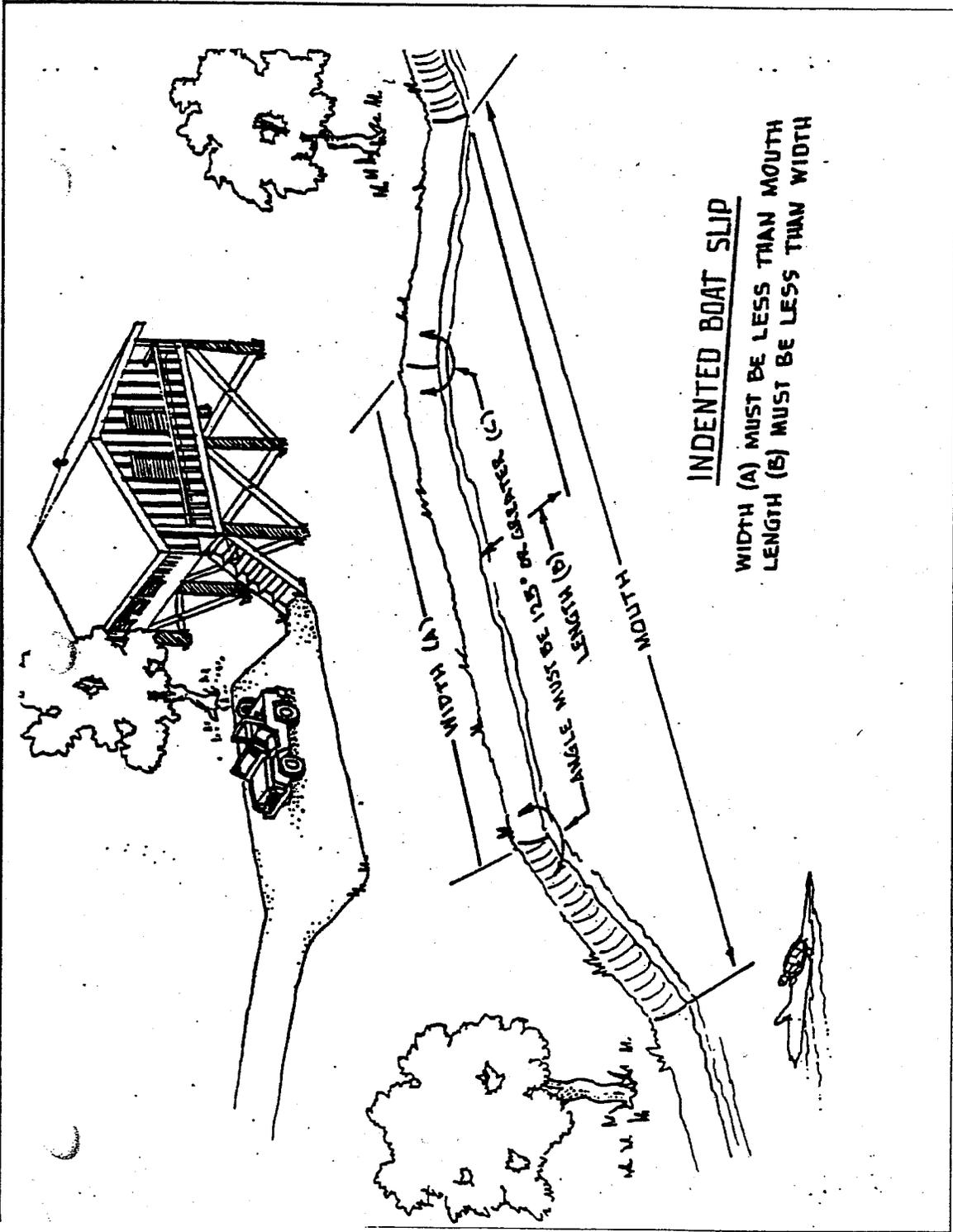
- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.
- e. Damage claims associated with any future modification, suspension, or revocation of this permit.

15. Reliance on Applicant's Data: The determination of the issuing office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

16. Reevaluation of Permit Decision. The issuing office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- a. You fail to comply with the terms and conditions of this permit. Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate.
- c. Significant new information surfaces which the issuing office did not consider in reaching the original public interest decision.

17. The permittee shall comply with all terms and conditions of the State 401 Water Quality Certification (WQC) as issued by the State of Mississippi, Mississippi Department of Environmental Quality (MDEQ). Enforcement actions resulting from noncompliance with WQC conditions may be initiated by the State.



INDENTED BOAT SLIP

WIDTH (A) MUST BE LESS THAN MOUTH
LENGTH (B) MUST BE LESS THAN WIDTH



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No. 7010 3090 0001 4287 4613
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corps. of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Litteken:

Re: US Army COE, Mobile District
Mississippi General Permits
MSGP-01-Shoreline Stabilization
COE No. SAM-2016-01232-MJF
WQC No. 2017083

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, Mississippi General Permit- MSGP-01 - SHORELINE STABILIZATION: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP-01 – SHORELINE STABILIZATION:

This permit authorizes the placement of bulkheads, armoring systems (riprap), bioengineering, and other standard shoreline protection/stabilization devices roughly paralleling, and at, the shoreline or bank. The permit also authorizes the repair, replacement and maintenance of previously permitted, currently serviceable structures.

Permit of Structure(s): Protection structures must be along the existing shoreline at the mean high tide line in tidal waterbodies, ordinarily high water line in non-tidal waterbodies, and landward of all jurisdictional wetlands (including bottomland hardwoods).

Armament Length and Bank Dressing Limitations:

- Bulkhead placement is limited to a total project length of 500 feet for residential properties and commercial properties.
- There is no limit to the length that may be authorized for other protection devices.
- Rip Rap material placed below the plane of ordinary high water or the plane of mean high tide may not exceed an average of one (1) cubic yard per linear foot of shoreline being protected. Rip Rap shall not extend farther than 3-6 feet into the waterway from the mean high tide line or ordinary high water line.

Protection Fronting Wetlands:

- Flow-through bulkheads designed to dissipate wave energy in wetland areas may be constructed waterward of the wetlands and placed below the line of mean high tide or ordinary high water if they are designed to allow for normal hydrologic regime to be maintained in the wetland areas and they do not pose a hazard to navigation.
- No wetlands shall be filled.

Construction Limitations:

- For maintenance purposes, vertical face structures intended to replace failing structures may be placed waterward of the failed structure the minimum distance necessary to facilitate construction, but no more than 24 inches waterward from the base of the failed structure.
- Upon structural failure or loss due to a discrete storm event, reconstruction of the failed structure shall occur at the base, within the original footprint, of the previous structure.
- Structures must be constructed in a manner designed to avoid creating areas of still or stagnant water.

Construction Material Requirements:

- Filter Fabric: Use of the appropriate filter fabric is required.
- Backfill Material: Only clean material free of waste, metal and organic trash, unsightly debris, petroleum products (asphalt), etc., may be used as backfill.
- Riprap Material: Only clean riprap material, free of exposed rebar, asphalt, plastic, soil, etc., may be used. Riprap may be used to augment other protection methods.

Prohibited Activities: This permit does not authorize (1) placement of fill in wetlands or shellfish beds; (2) adverse impacts to wetlands, submerged grass beds or shellfish beds; or (3) ancillary structures, such as groins and jetties, roughly perpendicular to the shoreline. This permit may not be used to regain land lost due to erosion, or otherwise

accrete land; however, consideration will be given to land lost during discrete storm events based upon a case-by-case basis. Such reclamation requests must be submitted within two (2) years following the discrete storm event. [SAM-2016-01232-MJF, WQC2017083].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. For projects greater than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.
3. All fill material and excavation areas shall have side slopes of at least 3:1 (horizontal:vertical) or equivalent measures to minimize erosion and shall be immediately seeded, stabilized, and maintained.
4. Pilings and/or bulkhead material shall be steel, concrete, plastic, vinyl, or timber treated to meet appropriate marine conditions. No creosote materials shall be used.
5. Best management practices (BMPs) should be used at all times during construction to minimize turbidity at the site. The site shall be operated and maintained in a manner that minimizes the discharge of turbid waters into waters of the State. These BMPs include, but are not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site.
6. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.

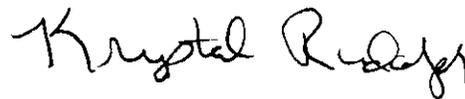
April 19, 2018

7. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Necaie, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No. 7010 1670 0000 1400 3956
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corp. of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Litteken:

Re: US Army COE, Mobile District
Mississippi General Permits
MSGP-02-Docks, Piers, Wharves,
Boat Shelters
COE No. SAM-2016-01233-MJF
WQC No. 2017084

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corp. of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, Mississippi General Permit MSGP-02 – DOCKS, PIERS, WHARVES, BOAT SHELTERS: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP-02 – DOCKS, PIERS, WHARVES, BOAT SHELTERS:

This permit authorizes the construction and modification of piers, wharves, and boat shelters; their normal appurtenances such as stairways, walkways, and railings; and, small

enclosed storage areas. This permit also authorizes the repair, replacement and maintenance of previously permitted, currently serviceable structures.

Construction and Size Limits:

- The square footage covered by fixed or floating structures, including docks, platforms, boat shelters, and associated structures, excluding access piers, shall not exceed a total of 2,000 square feet. This size limit is to include the square footage of the berthing areas.
- A limit of 5 boat berthing areas, including berthing for personal watercraft, can be authorized under this permit.
- Covered boat shelters and hoists shall be open-sided, limited to a 25-foot height above mean high tide or ordinary high water with a length not to exceed 50 feet. Boat shelters and/or hoists shall not be constructed over wetlands or submerged vegetation.
- Enclosed storage areas shall not exceed 100 square feet in total.
- Platforms, boat berths, etc. shall not be constructed over wetlands, shellfish beds, or submerged grasses.
- The addition of a single-story roof or covering structure on an existing open-deck pier that does not require the installation of additional pilings is authorized by this permit.

Waterward Construction Limits: The finished structures shall not pose a hazard to navigation or extend more than 25 percent of the distance across the waterbody. Structures may be constructed at a location sufficient to obtain navigable depth and should be consistent with surrounding, nearby structures.

Access Piers: For the purposes of this document, access piers are considered to be those structures, typically perpendicular to the shoreline, necessary to link docks, platforms, boathouses, and similar structures to land.

- The maximum width of access piers constructed over open water shall be limited to 6 feet unless otherwise authorized by the District.
- An access pier over emergent non-forested wetlands or water with submerged aquatic vegetation shall be no more than 6 feet wide and the height of the structure above the ground surface or mean high tide must be at least as high as it is wide (i.e., a 6-foot wide walkway/pier would be constructed at least 6 feet above mud level or line of mean high water).
- Special construction methods may be required for the installation of pilings in areas of wetlands or submerged grass beds. Pile driving during high tide to facilitate use of shallow draft barges is the preferred method of installation, but jetting with a low pressure pump may be used. Pilings shall be installed in a manner that will not result in the formation of sedimentary deposits ('donuts' or 'halos') around the newly installed pilings.

Existing Marinas:

- Altering pier configuration or adding berthing spaces within existing marina boundaries may be permitted.
- If construction results in additional boats being berthed, a wastewater pump out facility may be required.
- New marinas and expansions of existing marinas beyond existing boundaries may not be permitted under this Permit.

Excluded Structures: This permit does not authorize the following: (1) public-use or community-use piers, (2) structures for the permanent mooring of houseboats, (3) fueling facilities, (4) toilets, and/or habitable structures, and activities that produce "gray water" (5) new marinas, (6) expansion of an existing marina beyond the existing authorized footprint, (7) the mechanical clearing or filling of wetlands, or (8) impacts to wetlands, submerged aquatic vegetation (SAV) or shellfish beds.
[SAM-2016-01233-MJF, WQC2017084].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. For projects greater than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.
3. Pilings and/or bulkhead material shall be steel, concrete, plastic, vinyl, or timber treated to meet appropriate marine conditions. No creosote materials shall be used.
4. Best management practices (BMPs) should be used at all times during construction to minimize turbidity at the site. The site shall be operated and maintained in a manner that minimizes the discharge of turbid waters into waters of the State. These BMPs include, but are not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching;

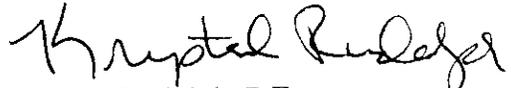
staged construction; and the installation of turbidity screens around the immediate project site.

1. A wastewater pumpout facility shall be provided for the following:
 - a) Marinas that are located within one tidal cycle of open shellfish harvesting waters,
 - b) Marinas that berth more than twenty-five (25) boats,
 - c) Marinas that berth any boats used in a live-aboard status,
 - d) Marinas that berth a majority of commercial boats,
 - e) Marinas that are in close proximity to a public water supply intake, or
 - f) Marinas that are in close proximity to a swimming area.
2. For marinas where a wastewater pumpout facility is required:
 - a) The marina shall prominently display a sign showing the location of the pump-out facility as well as other appropriate waste disposal information.
 - b) The pump-out facility shall be tied into a collection and treatment system approved by the Office of Pollution Control.
 - c) All docked vessels with Type I and Type II marine sanitation devices shall be notified of and comply with a "locked head" policy. There shall be no discharge of either gray or black water from a docked vessel.
5. No persons shall live on boats moored at the marina unless the boats are equipped with a Type III (non-discharging) marine sanitation device (MSD).
6. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
7. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.
If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Necasie, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No.7010 1670 0000 1400 3970
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corps of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Litteken:

Re: US Army COE, Mobile District,
Mississippi General Permits
MSGP-04-Mooring Pilings
COE No. SAM-2016-01235-MJF
WQC No. 2017086

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, Mississippi General Permit MSGP04 - MOORING PILINGS: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP04 - MOORING PILINGS:

This permit authorizes mooring pilings, dolphins, and single-pile structures within residential and commercial/industrial areas. All structures shall be limited to no more than 25 feet in height, 2,000 square foot of berthing space, and/or may not extend more than 25% of the width of the waterway.

24300 WQC20170004

OFFICE OF POLLUTION CONTROL

POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261 • TEL: (601) 961-5171 • FAX: (601) 354-6612 • www.deq.state.ms.us

AN EQUAL OPPORTUNITY EMPLOYER

Berthing Limits:

- A limit of 5 single-family, residential-use boat berthing areas, to include berthing for personal watercraft, can be authorized under this Permit.
- Structures for the permanent mooring of houseboats are not authorized by this permit.

Single-Pile Structures:

- Single-pile structures may include posts for wood duck nests, osprey platforms, etc.

Dolphins: Should dolphin construction (cluster pilings) require any material other than pilings or similar solid, linear structures being placed in waters of the U.S., all project details must be submitted to the authorizing agency. Additionally, only clean material free of waste, metal and organic trash, unsightly debris, etc. may be used as stabilization material in dolphin construction.

[SAM-2016-01235-MJF, WQC2017086].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. Pilings and/or bulkhead material shall be steel, concrete, plastic, vinyl, or timber treated to meet appropriate marine conditions. No creosote materials shall be used.
3. Best management practices (BMPs) should be used at all times during construction to minimize turbidity at the site. The site shall be operated and maintained in a manner that minimizes the discharge of turbid waters into waters of the State. These BMPs include, but are not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site.
4. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
5. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.
If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Necaie, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No. 7010 1670 0000 1400 3987
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corps. of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Litteken:

Re: US Army COE, Mobile District
Mississippi General Permits
MSGP-05-Dredging for Boat
Slips/Boat Berths
COE No. SAM-2016-01236-MJF
WQC No. 2017087

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, General Permit MSGP-05 - DREDGING FOR CREATION OF BOAT SLIPS/BOAT BERTHS: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP-05 - DREDGING FOR CREATION OF BOAT SLIPS/BOAT BERTHS:

This permit authorizes the construction and/or modification of boat slips and boat berths.

Cubic Yards of Dredged Material:

- This permit allows dredging of up to 500 cubic yards of material from below the mean high tide line or ordinary high water mark.
- Dredging depths are limited to the controlling navigational depth of the receiving waters.
- If an existing slip or berth is being modified or enlarged, the total volume dredged originally, plus that being proposed to be dredged, cannot exceed 500 cubic yards of material below mean high tide line or ordinary high water mark.

Best Management Practices: Best management practices should be used at all times during construction to minimize turbidity at both the dredged and spoil sites. Methods should include, but not be limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent. Additional best management practices as required by the Mississippi Department of Environmental Quality will apply regarding the return water from the bermed disposal area.

Coordination with SHPO: Coordination with the Mississippi Department of Archives and History is required prior to verification under MSGP-05 when work would excavate uplands. In such cases, MDAH will be provided a copy of the application and afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resource Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification.

Disposal Area:

- All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site, unless otherwise authorized by the Mobile District. For a list of Beneficial Use project sites, please contact DMR, Office of Coastal Ecology.
- Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off- site and into adjacent drainage areas.
- Disposal on sand beaches is prohibited.

Configuration and Number of Slips:

- Keyhole boat slips shall not be permitted under this authorization. Indented boat slips are acceptable.
- The length of the slip shall not exceed 50 feet. Length is defined as the measurement perpendicular to the bank or shoreline (see attached diagram).
- A limit of 5 boat berthing areas, including berthing for personal watercraft, can be authorized under this Permit.

Construction Limits:

- A minimum 10-foot buffer must be maintained between the proposed work area and wetlands and a 3:1 (horizontal: vertical) side slope or flatter must be maintained.
- This permit does not authorize dredging in wetlands, submerged aquatic vegetation, or natural shellfish beds.
- This permit does not authorize construction of ancillary shoreline stabilization structures such as groins and jetties, or any solid structures roughly perpendicular to the shore or bank. [SAM-2016-01236-MJF, WQC2017087].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. For projects greater than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.
3. All fill material and excavation areas shall have side slopes of at least 3:1 (horizontal:vertical) and shall be immediately seeded, stabilized, and maintained.
4. Basin and channel depths shall gradually increase toward open water and shall not exceed the controlling navigational depth. No "sumps" shall be created by proposed dredging.
5. All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site. Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off-site and into adjacent drainage.
6. Best management practices shall be used at all times during construction to minimize turbidity at both the dredge and disposal sites. The disposal

April 19, 2018

sites shall be constructed and maintained in a manner that minimizes the discharge of turbid waters into waters of the State. Best management practices shall include, but not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area shall be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent.

7. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
8. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.
If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Necaise, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No. 7010 1670 0000 1400 4007
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corps. of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Litteken:

Re: US Army COE, Mobile District,
Mississippi General Permits
MSGP-06-Boat Ramps
COE No. SAM-2016-01237-MJF
WQC No. 2017088

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps. of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, Mississippi General Permit MSGP-06 - BOAT RAMPS: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP-06 - BOAT RAMPS:

This permit authorizes the construction or modification of boat ramps and marine ways.

Cubic Yards to be Dredged/Filled: This permit allows up to 250 cubic yards of material to be dredged and the placement of up to 50 cubic yards of fill below mean high tide line or the ordinary high water mark for construction of a boat ramp. The use

of unsuitable material that is structurally unstable is not authorized. Only clean fill material may be used.

Location of Ramps:

- Care should be taken in the placement of boat ramps to avoid interrupting the natural movement of sediments.
- Storm water runoff from boat ramp approaches and parking areas shall not be directed down the boat ramp.
- Care should be taken to prevent erosion of side banks.

Best Management Practices: Best management practices should be used at all times during construction to minimize turbidity at both the dredged and spoil sites. Methods should include, but not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent. Additional best management practices as required by the Mississippi Department of Environmental Quality will apply regarding the return water from the bermed disposal area.

Coordination with SHPO: Coordination with the Mississippi Department of Archives and History is required prior to verification under MSGP-06. MDAH will be provided a copy of the application and afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resources Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification.

Disposal Area:

- All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site, unless otherwise authorized by the Mobile District. For a list of Beneficial Use project sites, please contact DMR, Office of Coastal Ecology.
- Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off-site and into adjacent drainage areas.
- Disposal on sand beaches is prohibited.

Construction Limits: This permit does not authorize: (1) ancillary structures such as groins, jetties, or any solid structures roughly perpendicular to the shore or bank; (2) dredging or filling in wetlands (including bottom land hardwoods), submerged grass beds, or natural shellfish beds; and (3) boat ramps and/or marine ways where adverse impacts to submerged grass beds or natural shellfish beds would occur as a result of normal use. No dredged material shall be used to raise the elevation of any wetlands. [SAM-2016-01237-MJF, WQC2017088].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. For projects greater than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.
3. Boat ramp parking areas with impervious surfaces (concrete, asphalt) that have a surface area equal to or greater than one acre shall provide for storm water management. The first 0.5 inch of storm water runoff from impervious parking and road surfaces shall be treated using MDEQ approved best management practices before release. The storm water plan should be submitted upon application for coverage under this general permit and shall be forwarded to MDEQ.
4. All fill material and excavation areas shall have side slopes of at least 3:1 (horizontal:vertical) and shall be immediately seeded, stabilized, and maintained.
5. All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site. Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off-site and into adjacent drainage areas.
6. Best management practices shall be used at all times during construction to minimize turbidity at both the dredge and disposal sites. The disposal sites shall be constructed and maintained in a manner that minimizes the discharge of turbid waters into waters of the State. Best management practices shall include, but not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and

the installation of turbidity screens around the immediate project site. Any effluent from the disposal area shall be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent.

7. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
8. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.
If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Necaise, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency



STATE OF MISSISSIPPI

PHIL BRYANT

GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No. 7010 1670 0000 1400 3994
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corps. of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Craig:

Re: US Army COE, Mobile District,
Mississippi General Permits
MSGP-07-Maintenance Dredging
COE No. SAM-2016-01238-MJF
WQC No. 2017089

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps. of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, General Permit MSGP-07 -

MAINTENANCE DREDGING: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP-07 - MAINTENANCE DREDGING:

This permit authorizes the maintenance dredging of previously dredged areas for the purpose of navigation.

Cubic Yards of Material to be Removed: Maintenance dredging of up to 2,500 cubic yards of material is authorized by this permit; however, maintenance dredging of previously authorized residential boat slips or open- water berths shall be limited to 500 cubic yards of material (See MSGP-05).

Area to be Dredged: Dredging is limited to the previously dredged and previously authorized dimensions. Documentation of previously authorized and/or maintained depths and dimensions should be provided.

Disposal Area:

- All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site, unless otherwise authorized by the Mobile District. For a list of Beneficial Use project sites, please contact DMR, Office of Coastal Ecology.
- Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off- site and into adjacent drainage areas.
- Disposal on sand beaches is prohibited.

Best Management Practices: Best management practices should be used at all times during construction to minimize turbidity at both the dredged and spoil sites. Methods should include, but not be limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent. Additional best management practices as required by the Mississippi Department of Environmental Quality will apply regarding the return water from the bermed disposal area.

Hydrographic Survey: Before and after hydrographic surveys or SAV and/or shellfish surveys may be required based on local knowledge of the waterway and likelihood that important aquatic resources or special aquatic sites could be present.

Special Aquatic Sites:

- No dredging of wetlands, submerged grass beds, or shellfish beds is authorized (exceptions may be made for noxious, invasive, or exotic vegetation, as determined or verified by staff, in man-made waterbodies).
- A minimum 10-foot buffer must be maintained between the proposed work area and wetlands and a 3:1 (horizontal: vertical) side slope or flatter must be maintained. [SAM-2016-01238-MJF, WQC2017089].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. For projects greater than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.
3. All fill material and excavation areas shall have side slopes of at least 3:1 (horizontal:vertical) and shall be immediately seeded, stabilized, and maintained.
4. Basin and channel depths shall gradually increase toward open water and shall not exceed the controlling navigational depth. No "sumps" shall be created by proposed dredging.
5. All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site. Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off-site and into adjacent drainage areas.
6. Best management practices shall be used at all times during construction to minimize turbidity at both the dredge and disposal sites. The disposal sites shall be constructed and maintained in a manner that minimizes the discharge of turbid waters into waters of the State. Best management practices shall include, but not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area shall be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent.
7. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.

8. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.
If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Necaie, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency



STATE OF MISSISSIPPI
PHIL BRYANT
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No. 7010 1670 0000 1400 4014
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corps. of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Litteken:

Re: US Army COE, Mobile District
Mississippi General Permits
MSGP-08-New Work Channel
Dredging
COE No. SAM-2016-01239-MJF
WQC No. 2017090

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps. of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, General Permit MSGP-08 - NEW WORK CHANNEL DREDGING: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP-08 - NEW WORK CHANNEL DREDGING:

This permit authorizes new work dredging of open water channels for navigation access.

Cubic Yards of Material to be Removed: Dredging of up to 1,000 cubic yards of material is authorized by this permit. Authorization under this permit is limited to open water channels for navigation access, and must be a single and complete project.

Maximum Depth of Dredging: Dredging depth must be no greater than that of the controlling navigational depth of the adjacent waters and dredge depths shall not exceed 6 feet below mean low tide or ordinary low water unless specifically authorized.

Best Management Practices: Best management practices should be used at all times during construction to minimize turbidity at both the dredge and spoil sites. Methods should include, but not be limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area should be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent. Additional best management practices, as required by Mississippi Department of Environmental Quality, will apply regarding the return water from the bermed disposal area.

Disposal Area:

- All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site, unless otherwise authorized by the Mobile District. For a list of Beneficial Use project sites, please contact DMR, Office of Coastal Ecology.
- Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off- site and into adjacent drainage areas.
- Disposal on sand beaches is prohibited.

Hydrographic Survey: Before and after hydrographic surveys or SAV and/or shellfish surveys may be required based on local knowledge of the waterway and likelihood that important aquatic resource or special aquatic sites could be present.

Fill Material: Dredging for fill material is not authorized under this permit; however, use of dredged material as fill is not prohibited.

Coordination with SHPO: Coordination with the Mississippi Department of Archives and History is required prior to verification under MSGP-08. MDAH will be provided a copy of the application and afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resources Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification.

Special Aquatic Sites:

- A minimum 10-foot buffer must be maintained between the proposed work area and wetlands and a 3:1 (horizontal: vertical) side slope or flatter must be maintained.
- No dredging of wetlands, submerged grassbeds, or shellfish beds is authorized (exceptions may be made for noxious, invasive, or exotic vegetation, as determined or verified by staff, in man-made waterbodies). [SAM-2016-01239-MJF, WQC2017090].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. For projects greater than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.
3. All fill material and excavation areas shall have side slopes of at least 3:1 (horizontal:vertical) and shall be immediately seeded, stabilized, and maintained.
4. Basin and channel depths shall gradually increase toward open water and shall not exceed the controlling navigational depth. No "sumps" shall be created by proposed dredging.
5. All dredged material must be properly confined in a specified upland area or an approved Beneficial Use for Dredge Material project site. Spoil disposal areas shall be immediately seeded and stabilized to prevent the movement of sediment off-site and into adjacent drainage areas.
6. Best management practices shall be used at all times during construction to minimize turbidity at both the dredge and disposal sites. The disposal sites shall be constructed and maintained in a manner that minimizes the

discharge of turbid waters into waters of the State. Best management practices shall include, but not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Any effluent from the disposal area shall be routed through a return swale system and filtered through a series of hay bales and silt fences so as to reduce the turbidity of the effluent.

7. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
8. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.

If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Necaise, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency



STATE OF MISSISSIPPI
PHIL BRYANT
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No. 7010 1670 0000 1400 4021
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corps. of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Litteken:

Re: US Army COE, Mobile District,
Mississippi General Permits
MSGP-09-Fill in Previously
Dredged Areas
COE No. SAM-2016-01240-MJF
WQC No. 2017091

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps. of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, General Permit MSGP-09 - FILL IN PREVIOUSLY DREDGED AREAS: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP-09 - FILL IN PREVIOUSLY DREDGED AREAS:

This permit authorizes the filling of previously dredged or excavated areas such as boat slips, artificial canals, etc.

Previously Dredged Wetlands or Natural Channels: If the area to be filled had previously been a wetland or natural channel, the fill may not exceed the original elevations or dimensions.

Fill Material: Only clean material free of waste, metal or organic trash, unsightly debris, etc., may be used as fill.

Areas Excluded:

- No wetlands, submerged grass beds, natural streams, shellfish beds, or natural channels may be filled.
- No area providing mitigation or enhancement of an aquatic system may be filled.
[SAM-2016-01240-MJF, WQC2017091].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The permittee shall obtain appropriate wastewater permits and/or approvals for the proposed activity prior to the commencement of construction activities.
2. For projects greater than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.
3. All fill material and excavation areas shall have side slopes of at least 3:1 (horizontal:vertical) and shall be immediately seeded, stabilized, and maintained.
4. Best management practices (BMPs) should be used at all times during construction to minimize turbidity at the site. The site shall be operated and maintained in a manner that minimizes the discharge of turbid waters into waters of the State. These BMPs include, but are not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site.

5. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
6. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.
If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Ncaise, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency



STATE OF MISSISSIPPI
PHIL BRYANT
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
GARY C. RIKARD, EXECUTIVE DIRECTOR

April 19, 2018

Certified Mail No. 7010 1670 0000 1400 4038
Mr. Craig Litteken
Chief, Regulatory Division
U.S. Army Corps. of Engineers, Mobile District
PO Box 2288
Mobile, Alabama 36628

Dear Mr. Litteken:

Re: US Army COE, Mobile District,
Mississippi General Permits
MSGP-10- Debris Removal
COE No. SAM-2016-01241-MJF
WQC No. 2017092

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps. of Engineers, Mobile District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Mobile District, General Permit MSGP-10 - DEBRIS REMOVAL: The U.S. Army Corps of Engineers, Mobile District proposes revision and issuance of the following Mississippi General Permit (MSGP) for a period of 5 years. In an effort to eliminate unnecessary duplication of efforts among agencies and to streamline the permitting process for routine projects with only minimal impact, the Mobile District will regulate minor structures and activities in waters of the U.S., in the state of Mississippi and outer continental shelf waters off the coast of Mississippi, within the Regulatory boundaries of the Mobile District under Regional General Permits identified herein. These permits will supersede Mississippi General Permits issued April 12, 2013.

MSGP-10 - DEBRIS REMOVAL:

This permit allows debris to be removed from any waterway for navigation, drainage, and/or pollution control.

Debris Definition: Debris includes, but is not limited to, non-imbedded stumps, tree limbs, appliances, lumber, metal objects, etc.

Non-Authorized Work:

- Dredging of gravel, sand, silt, and the removal of hazardous materials, etc., is not authorized under this permit.
- Snagging of dead (imbedded) or living trees from a stream bank is not authorized under this permit. However, trees imbedded in the bank may be cut off but their stumps may not be removed from the bank.
- Impacts to submerged aquatic vegetation are not authorized under this permit.
- Re-shaping or re-distribution of material in the channel and/or side slopes is not authorized by this permit.
- This permit does not authorize the removal of debris that is itself historic (e.g., shipwrecks).

Disposal Area: All debris must be properly placed in an approved landfill. Alternative sites for the disposal of woody debris may be authorized on a case-by-case basis.

Burning of Debris: Woody debris should not be burned unless full coordination with the Mississippi Department of Environmental Quality/ Air Division has been completed.

Coordination with SHPO: Coordination with the Mississippi Department of Archives and History is required prior to verification under MSGP-10 when debris in question is more than 50 years old (i.e. shipwrecks). In such cases, MDAH will be provided a copy of the application and afforded 30 days to comment. If MDAH offers no objection or the applicant voluntarily incorporates recommendations of MDAH, the project may be verified by the issuing agency. If MDAH recommends a Cultural Resource Survey or provides comments regarding the potential to affect historic resources, consultation must be completed between MDAH and the Mobile District prior to permit verification. [SAM-2016-01241-MJF, WQC2017092].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. For projects greater than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall obtain the necessary coverage under the State of Mississippi's Large Construction Storm Water General NPDES Permit. For projects greater than one to less than five acres of total ground disturbances including clearing, grading, excavating or other construction activities, the applicant shall follow the conditions and limitations of the State of Mississippi's Small Construction Storm Water General NPDES Permit. No construction activities shall begin until the necessary approvals and/or permits have been obtained.

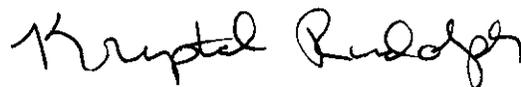
2. Best management practices (BMPs) should be used at all times during construction to minimize turbidity at the site. The site shall be operated and maintained in a manner that minimizes the discharge of turbid waters into waters of the State. These BMPs include, but are not limited to, the use of staked hay bales; staked filter cloth; sodding, seeding and mulching; staged construction; and the installation of turbidity screens around the immediate project site.
3. All debris must be properly disposed of in a Mississippi Department of Environmental Quality approved/permitted facility.
4. Debris shall not be burned without prior approval from the Mississippi Department of Environmental Quality – Air Division.
5. Turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
6. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.

If we can be of further assistance, please contact us.

Sincerely,



Krystal Rudolph, P.E.
Chief, Environmental Permits Division

HMW: mhg

cc: Allison F. Monroe, U.S. Army Corps of Engineers, Mobile District
Willa Brantley, Department of Marine Resources
Paul Necaise, U.S. Fish and Wildlife Service
Bill Ainslie, Environmental Protection Agency