

General Permit No. SAC-2012-01003

Name of Applicant: S. C. Department of Natural Resources (SCDNR)

Effective Date: June 4, 2013

Expiration Date: June 4, 2018

DEPARTMENT OF THE ARMY

GENERAL PERMIT

A General Permit to perform work in or affecting waters of the United States, upon the recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of March 3, 1899 (33 U.S.C. 403) and/or Section 404 of the Clean Water Act (33 U.S.C. 1344), is hereby issued by authority of the Secretary of the Army by the

District Engineer
U.S. Army Engineer District
Charleston
Corps of Engineers
69-A Hagood Avenue
Charleston, South Carolina 29403

to authorize, subject to the following special and general conditions, the discharge of dredged and/or fill material and the placement of structures required for oyster reef restoration and creation projects in navigable waters of the United States (Section 10 Waters), in the coastal counties of Beaufort, Berkeley, Charleston, Colleton, Dorchester, Georgetown, Horry, and Jasper within the boundaries of the Charleston District in the State of South Carolina.

This General Permit authorizes oyster reef restoration and/or creation projects sponsored by the South Carolina Department of Natural Resources (SCDNR) for the purposes of commercial and/or recreational harvesting, ecological purposes, and/or research and experimental purposes. "Ecological purposes" may include, but are not limited to, oyster reef restoration and/or creation projects constructed for shoreline and marsh stabilization, and/or for water quality benefits. This General Permit authorizes the use of loose oyster shell, shell bags, or other materials determined suitable by SCDNR for oyster reef restoration or creation projects. "Other materials" may include experimental materials being used by SCDNR for oyster research. Removal and relocation of clumps of live oysters from a site may occur manually if the restoration or creation project will bury the live oysters. The term "permittee," as used in this General Permit, means the South Carolina Department of Natural Resources (SCDNR) exclusively.

This General Permit Does **NOT** authorize the following:

- 1) Dredging and/or grading of intertidal and/or subtidal areas.
- 2) Oyster reef restoration and/or creation projects at sites that have 5% or more vegetative cover.
- 3) Oyster reef restoration and/or creation projects sponsored by others, even when SCDNR is consulted during project development.
- 4) Oyster reef restoration and/or creation projects that use oyster castles, reef balls, or similar structures constructed for shoreline and/or marsh stabilization.

I. SPECIAL CONDITIONS:

A. For projects involving oyster castles, SCDNR will submit to the U.S. Army Corps of Engineers (Corps or Charleston District) a Pre-Construction Notification (PCN) prior to construction of any oyster restoration or creation activity. The Corps will review the proposed project for impacts to navigation. The PCN shall include a project map or sketch that shows the proposed project footprint, the Mean High Water (MHW) line, the Mean Low Water (MLW) line, marsh line (if applicable), width of the waterway at the project location, and the location of adjacent structures such as docks and boat ramps (if applicable). The distance of the project footprint from the MHW line and from adjacent structures should also be provided on the sketch or map. This required information is in addition to the information required in Special Condition D. (Note: Corps review may result in additional project-specific conditions).

B. For projects located adjacent to an authorized Federal navigation project, SCDNR will submit a Pre-Construction Notification to the Corps prior to construction for any oyster restoration or creation activity. These Federal navigation areas include Adams Creek, Atlantic Intracoastal Waterway (AIWW), Ashley River, Brookgreen Garden Canal, Calabash Creek Charleston Harbor (including the Cooper River and Town Creek), Folly River, Georgetown Harbor (Winyah Bay, Sampit River, and Bypass Canal), Jeremy Creek, Little River Inlet, Murrells Inlet (Main Creek), Port Royal Harbor, Savannah River, Shem Creek (including Hog Island Channel & Mount Pleasant Channel), Shipyard Creek, Village Creek and the Wando River. Prior to any work being done, written permission must be obtained from the Corps for all activities located on or adjacent to a federally authorized waterway. Failure to provide this PCN and obtain written permission from the Corps prior to commencement of work will be considered a violation of federal law and appropriate legal action may be taken. The PCN shall include a project map or sketch that shows the project footprint and the distance from the edge of the Federal navigation project. This required information is in addition to the information required in Special Condition D.

C. For projects involving oyster castles, SCDNR will provide the Corps with, as part of the completion notification, as-built GPS drawings that indicate all dimensions of the oyster castle project, including one of the following three items: (1) the distance between the waterward edge of the authorized structure and the centerline of the Atlantic Intracoastal Waterway (AIWW); (2) the distance between the waterward edge of the authorized structure and the Federal channel; OR (3) (where the authorized activity is not in or adjacent to the Federal channel or the AIWW) the location of the Mean High Water Line on both sides of the waterway and the four (4) corners of

the oyster castle project area. These GPS as-built drawings shall be submitted within sixty (60) days of the completion of the structure.

D. SCDNR will provide the Corps and National Marine Fisheries Service (NMFS) with a list of all non-PCN oyster reef restoration and/or creation projects that were constructed during the previous season by no later than September 15 of each year. The list shall include the following information for each site:

1. Site name/number
2. Type of Site (Restoration or Creation)
3. Latitude/Longitude of site
4. Name of Waterbody where site is located
5. Type of Material Used (Loose shell, SCORE bags; combination of materials, etc.)
6. County of site
7. Estimated acreage of site
8. Shell/Fill amount (cubic yards)
9. Linear footage of project area
10. Construction Dates
11. Purpose of project (Commercial, Recreational, Ecological, Experimental)

E. SCDNR will send a copy of the oyster castle as-built GPS drawings, as described in Special Condition C, and the list of all oyster restoration and/or creation constructed the previous season, as described in Special Condition D, to the National Oceanic and Atmospheric Administration, Office of Coast Survey, Marine Chart Division, Nautical Data Branch, NCS-26, 1315 East West Highway, Silver Springs, Maryland 20910-3282, or to Allison.Wittrock@noaa.gov

F. SCDNR will coordinate with appropriate National Wildlife Refuge staff when oyster reef restoration and creation project sites occur inside or in the vicinity of National Wildlife Refuge acquisition boundaries, owned, or leased lands. Coordination shall occur prior to conducting the work. SCDNR shall document all coordination that occurs and maintain a copy for the record of each applicable project site.

G. Prior to commencing work, SCDNR will search *ArchSite*, or equivalent resource, for any known archaeological resources that may be present at each potential oyster reef restoration and creation project sites. If archaeological resources are present at a site and SCDNR intends to pursue the site, then SCDNR will contact the Corps and also coordinate the project with the State Historic Preservation Office (SHPO) prior to conducting the work. SCDNR will also provide copies of all coordination correspondence (documents, maps, letters, etc.) with SHPO to the Corps. *ArchSite* can be found at <http://archsite.cas.sc.edu/ArchSite>. SCDNR shall document the search of *ArchSite*, or *equivalent resource*, for each project site, regardless of whether an archaeological resource is present, and maintain a copy for the record.

H. Prior to commencing work, SCDNR will search the *Heritage Trust Database*, or equivalent resource, for the presence of Federally-listed threatened and/or endangered species that may be present in or near potential oyster reef restoration and creation project sites. If Federally-listed species and/or critical habitat are present in or in the vicinity of a site and SCDNR intends to

pursue the site, then SCDNR will contact the Corps and also coordinate the project with the U.S. Fish and Wildlife Service (USFWS) prior to conducting the work. SCDNR will also provide copies of all coordination correspondence (documents, maps, letters, etc) with USFWS to the Corps. The *Heritage Trust Database* website can be found at <https://www.dnr.sc.gov:4443/pls/heritage/species.login>. SCDNR shall document the search of the *Heritage Trust Database*, or equivalent resource, for each project site, regardless of whether threatened and/or endangered species are present, and maintain a copy for the record.

I. For shell bags, bamboo stakes, or other similar low profile oyster restoration materials, excluding loose shell, Prior to commencing work, SCDNR shall contact the USCG at U. S. Coast Guard District Seven, Waterways Management Branch, 909 SE 1st Ave, Suite 406, Miami, FL. 33131, or by phone at 305-415-6755 or 305-415-6750 regarding possible markers and/or lighting requirements. SCDNR shall install all markers and/or lighting as required by the USCG. In the event that the USCG does not require markers or lighting, SCDNR shall mark the project area with "Community Restoration Program Signs," "Oyster Research Signs," or similar signs, located at each end of the project area. Reflective tape shall also be added to each sign or sign post. Signs shall be located as close as possible to the project area boundaries and sign posts shall be tall enough to be visible during high tide water levels. SCDNR shall maintain all signs and sign posts in good working condition. No signs are required for project areas using loose shell only.

J. For ALL oyster castle projects, concrete covered crab pots, or other high profile submerged structures and fills, SCDNR shall mark each end of the project area with diamond shaped white day markers with orange border and black print stating "Danger Obstruction". Prior to commencing work, SCDNR shall contact the USCG at U. S. Coast Guard District Seven, Waterways Management Branch, 909 SE 1st Ave, Suite 406, Miami, FL. 33131, or by phone at 305-415-6755 or 305-415-6750 regarding potential project specific approval of the markers. SCDNR shall install all markers and/or lighting as required by the USCG. In the event the USCG does not require these or other markers and/or lighting, the "Danger Obstruction" markers are still required by the Corps and must be installed prior to commencing work. All markers shall be maintained in good working condition. Prior to commencing work, SCDNR may request that the Corps consider alternative project specific marking options.

II. GENERAL CONDITIONS:

The activities authorized by this General Permit must comply with ALL of the following general conditions:

A. This General Permit authorizes only those SCDNR-sponsored activities specifically addressed above. The permittee must obtain Department of the Army authorization, such as issuance of an Individual Permit, for all other activities that are regulated pursuant to Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act within waters of the United States.

B. All activities identified and authorized herein shall be consistent with the terms and conditions of this General Permit; any variance not specifically identified and authorized herein shall constitute a violation of the terms and conditions of this General Permit and may result in the modification, suspension, or revocation of the authorization, as set forth more specifically in General Condition F. below and in the institution of such legal proceedings as the United States Government may consider appropriate.

C. The permittee must make every reasonable effort to conduct the work authorized herein in a manner so as to minimize any adverse impact to fish, wildlife, and other environmental resources.

D. The permittee must make every reasonable effort to conduct the work authorized herein in a manner so as to avoid and minimize degradation of water quality.

E. The permittee shall allow the District Engineer or his authorized representative(s) to make periodic inspections at any time deemed necessary in order to assure that the activity being performed under authority of this General Permit is in accordance with the terms and conditions prescribed herein.

F. Authorization of a specific work or structure authorized herein may be summarily suspended in whole or in part upon a finding by the District Engineer that immediate suspension would be in the general public interest or that there has been violation of any terms or conditions of this General Permit. Such suspension shall be effective upon receipt by the permittee of a written notice thereof which shall indicate: 1) the extent of the suspension, 2) the reasons for this action, and 3) any corrective or preventative measures to be taken by the permittee which are deemed necessary by the District Engineer to abate imminent hazards to the general public interest. A permittee shall take immediate action to comply with the provisions of this notice. Within ten (10) days following the receipt of this notice of suspension, the permittee may request a meeting with the District Engineer or public hearing to present information relevant to a decision whether its permit should be reinstated, modified, or revoked. If a public hearing is requested, it shall be conducted pursuant to procedures prescribed by the Chief of Engineers. After completion of the public hearing or within a reasonable time after issuance of the suspension notice to the permittee if no hearing is requested, the authorization of the specific work or structure will be reinstated, modified, or revoked. Any modification, suspension, or revocation under this General Permit shall not be the basis for any claim for damages against the United States.

G. Upon receipt of a notice from the District Engineer for failure to comply with the terms, conditions, or standards of this General Permit, the permittee must within sixty (60) days without expense to the United States and in such a manner as directed by the District Engineer or his authorized representative(s), effect compliance with the terms, conditions, and standards or remove the previously authorized work or structure.

H. This General Permit does not convey any property rights, either in real estate or material, or any exclusive privileges; it does not authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws, nor does it obviate the requirement to obtain other Federal State, or local assent or to comply with any applicable standards required by ordinance

for the activities authorized herein. Other Federal, State, or local agencies are not limited by this document and may impose more stringent requirements than those stated herein as they see fit.

I. Prior to commencing work, the permittee must contact the Corps if any Federally-listed threatened or endangered species or designated critical habitat might be affected or is in the vicinity of the project site, or if the project is located in designated critical habitat. Upon such occurrence, the permittee shall not begin work on the activity until notified by the District engineer that the requirements of the ESA have been satisfied and that the activity is authorized. Any activity that may affect any Federally-listed threatened or endangered species, a species for proposed listing, or designated critical habitat is NOT authorized by this General Permit. These activities will be evaluated under the individual permit review process as specified in 33 C.F.R. § 325.

J. Prior to commencing work, the permittee must contact the Corps if the authorized activity may have the potential to cause effects to any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. Where the permittee has identified historic properties on which the activity may have the potential to cause effects and so notified the Corps, the permittee shall not begin the activity until notified by the District Engineer either that the activity has no potential to cause effects or that consultation under Section 106 of the NHPA has been completed. Any activity that may affect any historic properties listed, or which may be eligible for listing, on the National Register of Historic Places is NOT authorized by this General Permit. Activities that may affect such properties will be evaluated under the individual permit review process as specified in 33 C.F.R. § 325.

K. The permittee should be aware that Section 110(k) of the NHPA (16 U.S.C. § 470(h)-2(k)) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of Section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effects created or permitted by the applicant. If circumstances justify granting the assistance, the Charleston District is required to notify the ACHP and provide documentation specifying the circumstances, explaining the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, State Historic Preservation Officer, Tribal Historic Preservation Officer, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have legitimate interest in the impacts to the permitted activity on historic properties. If the permittee, prior to or during the performance of the work authorized herein, encounters previously unidentified archeological remains or cultural resources within the area subject to this General Permit, the permittee agrees to cease work immediately and contact the District Engineer, so that further coordination with the South Carolina Institute of Archaeology and Anthropology and the South Carolina Department of Archives and History may be conducted.

L. As determined by the District Engineer, or his designee, there will be no unreasonable interference with navigation or the right of the public to riparian access by the existence or use of activities authorized by this General Permit.

M. (1) No authorized activity may cause more than a minimal adverse effect on navigation. (2) 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/her 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 Charleston District, 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.

N. This General Permit does not authorize the interference with any existing or proposed Federal project and the permittee will not be entitled to compensation for damages or injury to the structures or work authorized herein that may be caused by or result from existing or future operations undertaken by the United States in the public interest.

O. Works or structures authorized herein may be subject to damage by wave wash from passing vessels and wind-driven waves. The issuance of this General Permit does not relieve the permittee from taking all proper steps to ensure the integrity of works permitted herein and the safety of boats moored thereto from damage by wave wash and the permittee shall not hold the United States liable for any such damage.

P. Activities authorized under this General Permit must comply with Executive Order 12898 "Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations".

III. PROHIBITED ACTIVITIES:

All work that exceeds the terms and conditions specified herein is prohibited unless an Individual or Nationwide Department of the Army Permit has been obtained from the Corps. All work for purposes other than those specified herein is expressly not authorized by this General Permit.

IV. REQUIRED AUTHORIZATIONS:

Prior to performing any of the work authorized herein, the permittee shall obtain all necessary state permits from the South Carolina Department of Health and Environmental Control and any other required Federal State or local authorizations.

V. PENALTIES FOR VIOLATIONS:

Authorization obtained under this General Permit limits work and/or structures necessary for oyster reef restoration and creation projects sponsored by the SCDNR for the purposes of commercial and/or recreational harvesting, ecological purposes, and/or research and experimental purposes.

Any deviation from the specifications, or other terms or conditions of the General Permit shall constitute a violation of Section 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act, and may result in the District Engineer seeking judicial relief to have the permittee remove the work and/or structure and/or restore the project area to its former condition, as well as the imposition of penalties as provided by law.

VI. LIMITS OF FEDERAL LIABILITY:

In issuing this General 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.

VII. REVOCATION OF THE GENERAL PERMIT:

This General Permit may be revoked by issuance of a public notice at any time where the District Engineer 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 this General Permit will be processed as Individual or Nationwide Permits.

VIII. DURATION OF THE GENERAL PERMIT.

This General Permit will cover activities started within five (5) years and completed within six (6) years after the date of issuance unless this permit is revoked in the interim. At the end of the first year and every successive year, the Corps of Engineers and the Federal and State regulatory and resource agencies will jointly review activities authorized by this General Permit to determine if significant cumulative impacts have resulted. If the District Engineer determines that revocation of this permit, in whole or in part, may be in order due to cumulative impacts, a public notice of this intention will be issued. After a review of all additional data submitted, action will be taken to amend, modify or revoke this General Permit as appropriate. Revocation of the General Permit will not affect previously authorized work if such work is in accordance with the provisions contained herein.

This General Permit becomes effective as of the date when the Federal official, designated to act for the Secretary of the Army, has signed below.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:



Edward P. Chamberlayne P.E.
Lieutenant Colonel, U.S. Army
Commander and District Engineer

4 June 2013

Date

or his Designee
Tina B. Hadden
Chief, Regulatory Division