



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SOUTH ATLANTIC DIVISION
60 FORSYTH STREET SW, ROOM 10M15
ATLANTA, GA 30303-8801

CESAD-PDO

31 July 2024

MEMORANDUM FOR RECORD

SUBJECT: U.S. Army Corps of Engineers, South Atlantic Division FY25 SARBO Project Assessment Recommendations for Projects Covered under the 2020 SARBO.

1. PURPOSE AND BACKGROUND. This documents the SARBO Project Assessment recommendations for FY25 projects covered under the 2020 South Atlantic Regional Biological Opinion for Dredging and Material Placement Activities in the Southeast United States (referred to as the 2020 SARBO, Reference 2.a.)¹. The U.S. Army Corps of Engineers (USACE) South Atlantic Division (SAD) is required to complete this assessment in accordance with the 2020 SARBO, Reference 2.a.

2. REFERENCES. The SARBO Project Assessment recommendations incorporate the information listed below.

a. 2020 South Atlantic Regional Biological Opinion for Dredging and Material Placement Activities in the Southeast United States, revised 31 July 2020.

b. U.S. Army Corps of Engineers, South Atlantic Division, Documentation of SARBO Project Assessment for Dredging and Material Placement in Fiscal Year 2023, Fiscal Year 2024, and Subsequent Fiscal Years Covered, May 2023.

3. SARBO PROJECT ASSESSMENT RECOMMENDATIONS. Projects currently anticipated in FY25 are provided in Appendix A. The recommendations documented below for FY25 projects are based on the SARBO Project Assessment (Reference 2.b.), which includes consideration of information from past incidental take and lessons learned. After reviewing the SARBO Project Assessment (Reference 2.b.), the existing analysis is still accurate. However, new species or critical habitat listed since the completion of the 2020 SARBO require separate consideration either as a stacked consultation with NMFS for the new information or a documented no effect determination (if appropriate). USACE recommends:

¹ The 2020 SARBO was issued by NMFS on 27 March 2020 and revised on 31 July 2020, both under NMFS consultation tracking number SERO-2019-03111.

CESAJ-PDO

Subject: U.S. Army Corps of Engineers, South Atlantic Division FY25 SARBO Project Assessment Recommendations for Projects Covered under the 2020 SARBO.

a. Hopper Dredging in Wilmington, Morehead City, Charleston, Savannah, Brunswick, and Jacksonville Harbors. For FY25, as outlined in the SARBO Project Assessment (Reference 2.b.), the risk assessment supports USACE moving outside of historic winter dredging windows to dredge these projects. Dredging within the prior windows is not preferred due to the assessment for Atlantic sturgeon, NARWs, and likely sea turtles. However, dredging will continue to be performed between 15 December and 31 March because this timeframe is dictated by existing environmental compliance requirements that are currently being reviewed.

b. Hopper Dredging in King's Bay Entrance Channel and Mayport. These are Regulatory projects for the U.S. Navy that have national security significance, which limits the timing adjustments and scope of work modifications that can be implemented. As outlined in the SARBO Project Assessment (Reference 2.b.), project timing should start after 01 April. Currently, Kings Bay hopper dredging is restricted to occur between 15 December and 31 March due to environmental compliance requirements. Mayport does not have any environmental compliance requirements that restricts the timing of work.

c. Beach Nourishment Projects Located North of St. Lucie Inlet, Florida Using Hopper Dredging at a Borrow Site. As outlined in the SARBO Project Assessment (Reference 2.b.) and subject to any supplemental environmental assessment that might be required, project timing should be shifted to start after 01 April.

d. Projects Located from St. Lucie Inlet, Florida South through the Florida Keys; Puerto Rico; and the U.S. Virgin Islands. As outlined in the SARBO Project Assessment (Reference 2.b.), SAD Districts and SAD will continue to coordinate together and with NMFS to assure compliance with the 2020 SARBO Coral Project Design Criteria (PDC). In addition, Caribbean coral critical habitat, queen conch, and Nassau grouper critical habitat will be evaluated separately as they were not considered in the 2020 SARBO.

e. Projects Completed Using Non-Hopper Dredging Equipment. No additional recommendations are necessary at this time beyond those provided for all projects in Section 5 of the SARBO Project Assessment (Reference 2.b.). This recommendation is applicable for non-hopper dredging projects that are listed and not listed in Appendix A.

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CESAJ-PDO

Subject: U.S. Army Corps of Engineers, South Atlantic Division FY25 SARBO Project
Assessment Recommendations for Projects Covered under the 2020 SARBO.

RECOMMENDED BY:

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Chief

APPROVED BY:

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CESAJ-PDO

Subject: U.S. Army Corps of Engineers, South Atlantic Division FY23 SARBO Project Assessment Recommendations for Projects Covered under the 2020 SARBO.

Appendix 1

Table 1. Hopper Dredging Projects and Plan Recommendations²

USACE	Project Name	Dredging Area	Placement Area	Volume (cubic yards)	Primary Equipment	Additional PDCs
SAC CW	AIWW O&M: Daufuskie Island	AIWW	Bloody Point	151,000	Cutterhead	N/A
SAC CW	Edisto Beach CSRM	Offshore Borrow Site	Edisto Beach	1,850,000	Cutterhead	NARW
SAC CW	Georgetown Harbor - Upper Winyah Bay O&M Dredging	Upper Winyah Bay	Sampit River DMMA	750,000	Cutterhead	N/A
SAC CW	Pawleys Island CSRM	Offshore Borrow Site	Pawleys Island Beach	250,000	Cutterhead	N/A
SAC CW	AIWW O&M: Winyah Bay to Charleston	AIWW	Various DMMA's and/or Isle of Palms and Sullivans Island	500,000	Cutterhead	N/A
SAC CW	Myrtle Beach CSRM	Reaches 1-3	North Myrtle Beach, Myrtle Beach, Surfside/ Garden City	2,000,000	Hopper	NARW
SAC CW	Charleston Harbor Entrance Channel (RHDC 8.0)	Entrance Channel	Charleston ODMDS	1,500,000	Hopper	NARW
SAC CW	Charleston Lower Reaches O&M	Charleston Lower Harbor	Charleston ODMDS	2,500,000	Mechanical	NARW
SAJ CW	Canaveral Harbor Sand Bypass System Phase VI & Brevard North Reach	Canaveral Harbor Sand Bypass	Brevard County Beach North Reach	1,500,000	Cutterhead	NARW
SAJ CW	IWW Jacksonville to Miami O&M	Ponce de Leon Inlet	New Smyrna Beach R-139 to R-145	750,000	Cutterhead	N/A

² CW: Civil Works, REG: Regulatory, O&M: Operations and Maintenance Dredging, CSRM: Coastal Storm Risk Management, AIWW or IWW: Atlantic Intracoastal Waterway, ODMDS: Ocean Dredged Material Disposal Site, DMMA: Dredged Material Management Areas

CESAJ-PDO

Subject: U.S. Army Corps of Engineers, South Atlantic Division FY25 SARBO Project Assessment Recommendations for Projects Covered under the 2020 SARBO.

USACE	Project Name	Dredging Area	Placement Area	Volume (cubic yards)	Primary Equipment	Additional PDCs
SAJ CW	IWW Jacksonville to Miami O&M: Baker's Haulover	Baker's Haulover Inlet, Cut DA-9	Haulover Beach	1,500	Cutterhead	N/A
SAJ CW	IWW Jacksonville to Miami O&M:	Jupiter/St. Lucie Inlet (Crossroads)	St. Lucie Impoundment Basin & beach R-13 to R-15.5	360,000	Cutterhead	N/A
SAJ CW	IWW Nassau and Duval County O&M: Sawpit	IWW	DMMA DU-2, Amelia Island State Park Beach R-76 to R-78	553,000	Cutterhead	N/A
SAJ CW	Brevard County CSRM: Mid- Reach & South Reach	Canaveral Shoals II	South Reach stockpile area	1,900,000	Hopper	NARW
SAJ CW	Jacksonville Harbor O&M	Blount Island terminal to Talleyrand terminal	ODMDS and Bartram Island Cell A	350,000	Hopper	NARW
SAJ CW	Nassau County CSRM	South & South Entrance Borrow Area	Fernandina Beach R- 13 to R-33	1,000,000	Hopper	NARW
SAJ CW	Palm Beach Harbor O&M	Entrance Channel, Settling, Extended Settling, & Expanded Settling Basins	Town of Palm Beach R-76 to R-80, potential nearshore R- 76 to R-79	200,000	Hopper	Coral
SAJ CW	Canaveral Harbor, Canaveral NOTU O&M	Entrance Channel	Canaveral ODMDS	500,000	Mechanical	NARW
SAJ REG	US Marine Corps Blount Island O&M	Blount Island	Dayson Island DMMA	1,162,000	Hopper	NARW
SAJ REG	Kings Bay Entrance Channel O&M	Entrance Channel	Nearshore Placement; South Jetty, Fort Clinch, North or South Beach; or Fernandina Beach ODMDS	1,400,000	Hopper	NARW, Sturgeon

CESAJ-PDO

Subject: U.S. Army Corps of Engineers, South Atlantic Division FY25 SARBO Project Assessment Recommendations for Projects Covered under the 2020 SARBO.

USACE	Project Name	Dredging Area	Placement Area	Volume (cubic yards)	Primary Equipment	Additional PDCs
SAJ REG	U. S. Space Force, SLD-45 CSRM	Canaveral Shoals I & II	Patrick Airforce Base beach	325,000	Hopper	NARW
SAS CW	Brunswick Inner Harbor O&M	East River	Andrews Island DMCA	800,000	Cutterhead	N/A
SAS CW	Savannah Inner Harbor O&M	Stations 0+000 to 105+500	DMCA 13A	5,000,000	Cutterhead	Sturgeon
SAS CW	Brunswick Harbor O&M (RHDC 8.0)	STA 0+000 to -45+000	Brunswick ODMDS	1,600,000	Hopper	NARW
SAS CW	Savannah Harbor O&M (RHDC 8.0)	Stations 0+000 to - 97+680	Savannah ODMDS	650,000	Hopper	NARW
SAW CW	AIWW O&M	Onslow Beach	Onslow Beach	532,000	Cutterhead	N/A
SAW CW	Rollison Stumpy Point	Rollison Channel	Bonner Bridge Placement Area	395,000	Cutterhead	
SAW CW	Wilmington Harbor Inner Ocean Bar	Inner Ocean Bar	To be determined	2,032,000	Cutterhead	
SAW CW	Morehead City O&M (RHDC 8.0)	Range A (STA 21+00 to 110+00 - 110+00- 192+00)	Morehead City ODMDS	775,000	Hopper	NARW
SAW CW	Wilmington Harbor O&M (RHDC 8.0)	Bald Head Island Reach 3	Wilmington ODMDS	1,240,000	Hopper	NARW, Sturgeon
SAW CW	Carolina/Kure Beach	Carolina Beach Offshore Borrow Area	Carolina Beach	2,001,000	Hopper	Sturgeon
SAW CW	Wilmington Harbor Anchorage Basin O&M	Military Ocean Terminal Sunny Point Wharf	Wilmington ODMDS	1,990,000	Hopper	NARW