



REPLY TO
ATTENTION OF:

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

CESAM-PD-EI
PUBLIC NOTICE NO. FP15-AL01-17

13 November 2014

**JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS
AND
ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
RECERTIFICATION OF THE OPERATIONS AND MAINTENANCE PLAN
FOR OPERATION AND MAINTENANCE OF
THE FEDERAL NAVIGATION CHANNEL
AND
THE MAINTENANCE DREDGING AND DISPOSAL PLAN
FOR NEW AND PREVIOUSLY APPROVED
WITHIN-BANKS DISPOSAL AREAS AND SMALL BOAT ACCESS CHANNELS
ALABAMA AND COOSA RIVER SYSTEM, ALABAMA
A FEDERALLY AUTHORIZED PROJECT**

Interested persons are hereby notified that the U.S. Army Corps of Engineers (USACE), Mobile District, proposes to perform dredging and/or fill activities in accordance with previously approved operations and maintenance dredging and disposal plan and the previously approved maintenance dredging and disposal plan, and perform dredging and/or fill activities on the Alabama and Coosa Rivers (ACR) project in the State of Alabama.

This public notice is issued in accordance with rules and regulations published in the Federal Register on 26 April 1988. These regulations provide for the review of dredging programs for the Federally authorized projects under the Clean Water Act (33 U.S.C. 1344) whenever dredged or fill materials may enter waters of the United States.

The recipient of this notice is requested specifically to review the proposed action as it may impact water quality, relative to the requirements of Section 404(b)(1) of the Clean Water Act. We also are seeking comments on any other potential impacts.

WATERWAY AND LOCATION: Alabama and Coosa Rivers, Alabama.

DESCRIPTION OF THE ENTIRE AUTHORIZED PROJECT: The authorized ACR project begins at the confluence of the Alabama and Tombigbee Rivers, and extends approximately 300 miles upstream near Montgomery, Alabama. It includes four river channel improvements: a) The mouth of the Alabama River to Claiborne Lock and Dam; b) Claiborne Lock and Dam to Millers Ferry Lock and Dam; c) Millers Ferry Lock and Dam to Robert F. Henry Lock and Dam; and d) Robert F. Henry Lock and Dam to Montgomery, Alabama.

The existing operation and maintenance project on the ACR and its tributaries provides for development of navigation, flood control, power, and recreation. These values are maintained by snagging, rock removals, dredging operations, training dikes, and operation of three locks and dams. The project was authorized by Public Law 14, 79th Congress, in accordance with the River and Harbor Act of 1899, on 2 March 1945.

DESCRIPTION OF THE PROPOSED ACTION: The existing project provides for maintenance activities and maintenance dredging of the federally authorized navigation channel. The channel is maintained at nine feet deep and 200 feet wide plus advance maintenance, allowable over depth, and disturbance from the confluence of the Alabama and Tombigbee Rivers, approximately 289 navigation miles upstream, terminating near Montgomery, Alabama (Figure 1).

Navigation channel dredging is typically executed by hydraulic dredge between May and December (reference Table 1, Historic and Proposed Dredging Locations). Each site requires 1-10 days for completion of dredging. Disposal operations correspond to dredging periods. Dredged material is primarily disposed in within-bank disposal sites (reference Table 2, Within-Bank Disposal Areas). These are unforested riverbank areas below ordinary high water extending riverward into the aquatic environment. Disposal may also occur in approved above-bank disposal sites (reference Table 3, Above-Bank Disposal Areas). These are diked areas constructed landward of the riverbank which contain material pumped through the dredge pipeline. Contained areas have at least one weir which retains the water until sediment settling can occur. After sediment settling, the water is returned to the river. Dredged material may also be placed in open-water disposal sites located within the channel of the Alabama River and its small boat access channels. Dredging will be performed by hydraulic pipeline, dredge, dragline, or clamshell. Current dredging practices call for dredging to be performed at a depth of 9 feet plus 2-4 feet of advanced maintenance, 2 feet of allowable overdepth and 3 feet of disturbance.

Snagging operations to remove brush, stumps, logs, and similar debris from the waterway will also be conducted. Typically, this debris will be placed on the banks above anticipated flood elevations. Whenever possible, suitable snagged materials will be placed in water adjacent to the bank, but out of the navigation channel to enhance fish habitat. Dredged material primarily consists of medium to coarse sand, with some gravel or loose rock and will be placed by hydraulic dredge.

Navigation channel maintenance also includes rock removal and maintenance actions necessary for existing training dikes. Training dike maintenance actions consist of: a) reworking/replacing rocks comprising the training dike; b) repairing bank erosion at the landward end of the dike and c) maintaining/replacing marker pilings at the river end of the training dikes. These activities may require access by a work barge. These actions are limited to returning training dikes to their originally approved design dimensions and conditions. The designs at existing dike fields may be modified slightly based on continuing engineering studies. Occasional maintenance and modification may be necessary to assure their proper functioning. As the river shifts, rock outcrops develop in the navigation channel. The outcrops must be excavated. Training dikes or rock removal not evaluated in the Final Supplement to the Environmental Impact Statement, Alabama-Coosa Rivers, Alabama and Georgia (Operation and Maintenance) will be addressed as future, separate actions.

Maintenance dredging and disposal operations for small boat access channels, boat ramps, and sloughs will continue on the ACR project (Figure 1). The access channels, boat ramps and sloughs will be dredged on an as-needed basis to a channel depth of 3-5 feet at mean low water (reference Table 4, Small Boat Access Channels Alabama-Coosa Rivers). Each site will require 3-21 days during May through December for completion of maintenance and dredging. Work will be performed by hydraulic pipeline, dredge, dragline, or clamshell. Disposal will be in approved open-water, approved above-bank or within-bank disposal sites.

WATER QUALITY CERTIFICATION: Pursuant to section 401 of the Clean Water Act, state water quality certification is required for the proposed activities. A decision on state water quality certification will be made by the Alabama Department of Environmental Management (ADEM) after completion of the comment period of this public notice.

USE BY OTHERS: Water-related navigation and recreation activities may be temporarily impacted by proposed operation and maintenance of the navigation channel and small boat access channel maintenance activities. Long-term effects of the proposed action will be restoration and maintenance of navigable depths within the navigation channel and access to small boat channels, boat ramps, and sloughs of the ACR system. Within-bank and open-water disposal sites are located within the limits of ordinary high water. No impacts to surrounding properties are anticipated from use of the within-bank and open-water disposal sites. Upland disposal sites have been designed as self-contained units; their use will not affect adjacent property uses. Existing land uses along the ACR project will not be impacted by the proposed projects.

NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) CONSIDERATIONS: The proposed operation and maintenance of the navigation channel of the Alabama-Coosa River system was addressed in the Final Environmental Statement, Alabama-Coosa Rivers, Alabama and Georgia (Operation and Maintenance) filed with the Council for Environmental Quality on May 14, 1976. An evaluation specific to the operations and maintenance plan, the Final Supplement to the Environmental Impact Statement

(FSEIS), Alabama-Coosa Rivers, Alabama and Georgia (Operation and Maintenance) was filed with the U.S. Environmental Protection Agency on October 9, 1987. Additional within-bank disposal areas and dredging reaches were addressed in Environmental Assessment, Proposed Dredging Reach at Navigation Mile 72.5 - 73.0 and Proposed Within-Bank Dredge Disposal, Alabama-Coosa Rivers, Alabama, dated September 29, 1992.

Maintenance of recreational facilities was addressed in the Final Supplement to the Environmental Impact Statement, Alabama-Coosa Rivers, Alabama and Georgia (Operation and Maintenance), dated February 1985. Small boat access channel maintenance was addressed in an Environmental Assessment, Proposed Maintenance Dredging and Disposal Within Small Boat Access Channels, Alabama-Coosa Rivers, Alabama, dated June 30, 1987; Environmental Assessment, Proposed Maintenance Dredging and Disposal Within Small Boat Access Channels, Alabama-Coosa Rivers, Alabama, dated February 17, 1987; Environmental Assessment, Proposed Maintenance Dredging and Disposal Within Small Boat Access Channels, Alabama-Coosa Rivers, Alabama, dated August 11, 1992; and Draft Environmental Assessment, Proposed Maintenance Dredging and Disposal Within Small Boat Access Channels, Alabama-Coosa Rivers, Alabama, dated July 15, 2002; Environmental Assessment Proposed Maintenance Dredging and Dredged Material Disposal For Small Boat Access Channels in the Alabama River, Alabama, dated 5 January 2004; and Environmental Assessment for Proposed Small Boat Access Channels in the Alabama River, Alabama, dated 9 June 2009.

In addition the eleven new proposed small boat access channels and seven new within-banks disposal areas are addressed in a Draft Environmental Assessment (EA), being coordinated as part of this public notice. This assessment indicates an environmental impact statement for the small boat access channels and the within-banks disposal areas is not needed. The EA is available for review at the USACE, Mobile District webpage:

<http://www.sam.usace.army.mil/Missions/PlanningEnvironmental/EnvironmentalAssessment.aspx>. Upon completion of the coordination period set forth in this notice, comments received will be incorporated into the EA and a final determination of NEPA documentation requirements made. If the determination is to finalize the EA and prepare a Finding of No Significant Impact, these documents will be placed on the USACE, Mobile District webpage for future reference.

SECTION 404(b)(1) EVALUATION REPORT: Water quality impacts associated with the placement of dredged material into waters of the United States, as a result of the proposed work, have been addressed in a preliminary evaluation report prepared in accordance with guidelines promulgated by the Environmental Protection Agency under Section 404(b)(1) of the Clean Water Act. The preliminary determination of this evaluation is that the proposed discharge of dredged material complies with the guidelines. The preliminary evaluation report is available for review at the Mobile District webpage referenced above, and will be finalized upon completion of the coordination of this notice.

HISTORIC PROPERTY CONSIDERATIONS: In the early 1800s, plantations and farms were located up and down the Alabama River. Numerous landings were established and keelboats and flatboats brought the products of the land to markets in Mobile. With the introduction of the steamboat, transportation of cotton became a thriving industry. There were almost 200 landings between Montgomery and Mobile before the Civil War and hundreds of steamboats provided dependable means of transportation. Historic research conducted in archeological surveys have identified at least 50 reported shipwrecks and submerged cultural resources in reaches from RM 0 to RM 236.1 of the Alabama-Coosa Rivers. Review lists of historic vessels losses and other pertinent documents has revealed the potential for steamboat wrecks in proximity to some of the proposed dredging and/or within-bank disposal areas.

The Mobile District has determined that for four (4) of the seven (7) within bank disposal sites and four (4) of the eleven (11) small boat access channels will require avoidance and or monitoring plans to ensure that there are no significant impacts to cultural resources. Avoidance plans will be developed for all terrestrial and submerged cultural resources that are identified within or in close proximity of the proposed within banks disposal areas and small boat access channels. Monitoring plans will be developed and the sites will be monitored to ensure that adverse effects associated with the proposed action are not occurring. These effects may be due to increased access, erosion, or deposition. These plans will be coordinated with the Alabama SHPO and interested federally recognized Tribes.

ENDANGERED/THREATENED SPECIES: Federally listed species with potential to occur in the proposed action areas include the Gulf sturgeon, Alabama sturgeon, tulotoma snail, southern acornshell, southern combshell, Coosa moccasinshell, southern pigtoe, orange-nacre mucket and Alabama moccasinshell.

The US Army Corps of Engineers, Mobile District coordinated with the U.S. Fish and Wildlife Service (FWS) regarding the species potentially affected by the continued and new dredging disposal efforts of the newly proposed within-banks disposal areas and small boat access channels as well as existing previously approved dredging locations, within-bank disposal areas, upland disposal areas and small boat access channels along the Alabama River. By letter dated September 25, 2013, the FWS continues to concur with our determination that removal of unconsolidated material from the Alabama River navigation channel subject to our 300-ft buffer variance request in specific areas will have no adverse effect on listed species. However, if it is determined that stable and/or hard bottom substrates, mussel beds or Gulf sturgeon spawning habitat will be affected by dredging or disposal due to unconsolidated material then Section 7 consultation will be initiated under the Endangered Species Act. Dredging will be minimized between 15 March and 30 May whenever possible to minimize impacts to Gulf sturgeon.

EVALUATION: The decision whether to proceed with the proposed action will be based on evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern

for both protection and utilization of important resources. The benefits which may be reasonably expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

Inasmuch as the proposed work would involve the discharge of materials into waters of the United States, designation of the proposed disposal site associated with this Federal project is being made through application of guidelines promulgated by the Administrator of the Environmental Protection Agency in conjunction with the Secretary of the Army. If these guidelines alone prohibit the designation of the proposed disposal site, any potential impairment of the maintenance of navigation, including any economic impact on navigation and anchorage which would result from the failure to use the disposal site, will also be considered.

COORDINATION: The USACE is soliciting comments from the general public; Federal, State, and local agencies, and officials; American Indian Tribes, and other interested parties in order to consider and evaluate the impacts of the proposed activity. Any comments received will be used by the USACE to determine whether or not to proceed with the proposed action. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are also used to determine the need for a public hearing and to determine the overall public interest in the proposed activity and in preparing an Environmental Assessment and/or an Environmental Impact Statement pursuant to the NEPA compliance.

Among the agencies receiving copies of the Public Notice are:

Region IV, U. S. Environmental Protection Agency
Field Supervisor, U.S. Fish and Wildlife Service
Regional Director, National Marine Fisheries Service
Regional Director, National Park Service
Commander, Eighth Coast Guard District
Federal Emergency Management Agency
State Conservationist, Alabama, Natural Resources Conservation Service,
U. S. Department of Agriculture
Alabama Department of Environmental Management
Alabama Department of Conservation and Natural Resources
Alabama State Historic Preservation Officer
Alabama Department of Economic and Community Affairs

13 November 2014

You are requested to communicate the information contained in this notice to any other parties who may have an interest in the proposed action.

PUBLIC HEARING: Any person who may be affected by the discharge of this dredged material may request a public hearing. The request must be submitted in writing to the District Engineer within the comment period of this public notice. The request must clearly set forth the interest which may be affected and the manner in which the interest may be affected by this activity.

CORRESPONDENCE: Correspondence concerning this public notice should refer to **Public Notice No. FP15-AL01-17** and should be directed to the Commander, U.S. Army Engineer District, Mobile, Post Office Box 2288, Mobile, Alabama 36628, Attention: CESAM-PD-EI, Ms. Velma Diaz in time to be received prior to December 13, 2014. Copies of comments should also be forwarded to Alabama Department of Environmental Management, Field Operations Division, P.O. Box 301463, 1400 Coliseum Boulevard, Montgomery, Alabama 36130-1463. Ms. Velma Diaz may be contacted at telephone number **(251)690-2025** or e-mail address **velma.f.diaz@usace.army.mil** for additional information.



CURTIS M. FLAKES
U.S. Army Corps of Engineers,
Mobile District



ALABAMA-COOSA RIVERS
APPROVED DREDGING REACH LOCATIONS

Table 1

Bar Name	Navigation Mile	Quantity Removed Avg. Per Assignment (Cu. Yds.)	Range (Cu. Yds.)	Dredging Frequency (Every X Yrs.)	Dredging Duration (In Days)
Wilken Bend	7.8 - 8.6	56,794	0 - 56,794	32	5
Mile 9 Bar	8.6 - 9.3	36,680	10,586 - 82,748	4	5
Mile 10.5 Bar	9.9 - 11.2	36,521	9,839 - 88,768	2	5
Wolf Gut Bar	11.9 - 12.6	32,610	9,742 - 68,190	8	3
Mile 13 Bar	12.6 - 13.3	32,065	3,299 - 87,481	3	5
Singleton Landing Bar	13.3 - 14.4	28,324	7,830 - 76,788	6	3
Mile 16 Bar	15.9 - 16.6	9,360	0 - 9,360	32	3
Mile 17 Bar	16.6 - 17.9	15,035	4,161 - 25,909	3	3
Mile 19 Bar	18.8 - 19.8	19,988	4,525 - 35,451	16	3
Aberdeen Wreck	19.8 - 21.1	29,510	1,745 - 146,614	1	4
Mile 21.5 Bar	21.1 - 21.6	19,468	6,833 - 32,103	16	4
Earles Bar	21.6 - 23.6	46,773	4,531 - 195,371	1	10
Mile 24.8 Bar	23.6 - 25.0	20,535	0 - 20,535	32	4
Dead River Bar	25.0 - 26.1	40,489	2,970 - 198,884	4	6
Lower Madison Bar	28.0 - 29.7	24,891	5,941 - 81,666	1	7
Upper Madison Bar	29.7 - 30.6	67,479	4,862 - 115,262	6	6
Matthewson Bar	30.6 - 31.6	39,063	4,871 - 132,004	1	6
Red Eagle Landing	33.1 - 34.9	45,759	14,089 - 32,978	1	6
Mile 35.6 Bar	34.9 - 35.8	41,174	18,519 - 68,382	8	6
Potts Bar	35.8 - 36.6	26,370	46 - 81,367	2	5
Mt. Pleasant Landing	37.6 - 37.9	21,748	12,833 - 26,571	6	3
Kellum Landing	38.3 - 39.3	10,753	2,420 - 34,913	3	3
Irvin Creek	39.3 - 40.2	37,338	3,912 - 71,378	1	6
Carters Bar	40.2 - 41.3	43,330	728 - 162,973	1	6
Eureka Landing	41.8 - 42.9	16,780	2,211 - 47,608	1	3
California Bar	42.9 - 44.3	35,624	4,465 - 160,805	1	6
Mile 45 Bar	44.3 - 45.4	4,478	0 - 4,478	6	2
Lombard Landing Bar	45.4 - 46.0	52,739	2,946 - 198,319	1	6
Shackleford Bar	46.0 - 47.7	31,592	1,870 - 140,167	1	9
Bills Bar	47.7 - 49.2	40,204	812 - 121,428	6	9
Bailey Creek	49.2 - 51.0	55,982	2,144 - 332,628	1	9
Lovetts Creek	51.0 - 52.1	27,011	264 - 254,519	1	5
Howard Landing	52.1 - 52.6	24,916	1,686 - 96,334	2	4
Marshall Gin Landing	55.3 - 56.6	43,365	42,553 - 44,176	16	7
Mrs. Gray's Bar	57.5 - 58.9	62,695	355 - 287,468	1	7
Pigeon Creek Bar	58.9 - 60.1	56,807	5,264 - 175,107	1	7
Mile 61 Bar	60.7 - 61.2	3,876	0 - 3,876	32	6
Mile 62 Bar	61.2 - 62.5	86,084	0 - 86,084	32	4
Gosport Landing	62.5 - 63.5	22,708	3,816 - 48,088	2	5
Gaillard Creek Bar	64.7 - 65.2	37,232	0 - 37,232	32	3
Claiborne Bridge Bar	66.4 - 67.6	27,971	2,738 - 221,023	1	6
Limestone Creek Bar	67.6 - 68.6	40,528	3,364 - 166,618	2	8
Big Flat Creek	68.6 - 69.9	19,783	8,002 - 45,757	4	6
Claiborne Lock LA	71.3 - 72.5	25,496	179 - 129,058	1	6
Claiborne Lock UA	72.5 - 72.6	9,410	8,120 - 12,044	6	2

Bar Name	Navigation Mile	Quantity Removed Avg. Per Assignment (Cu. Yds.)	Range (Cu. Yds.)	Dredging Frequency (Every X Yrs.)	Dredging Duration (In Days)
Wilcox Bar	106.9 - 108.0	18,938	4,237 - 28,263	6	4
Holley Ferry Upper	117.3 - 118.5	15,977	0 - 15,977	32	3
Walnut Bluff	121.7 - 122.8	31,803	25,076 - 38,529	6	8
Millers Ferry LA	131.8 - 133.0	22,172	735 - 74,487	6	8
Gardner's Island	220.2 - 221.7	22,218	8,981 - 35,455	16	8
Upper Brothers	225.7 - 227.0	15,831	0 - 15,831	32	2
Mile 228 Bar	228.0 - 229.0	18,914	14,082 - 23,746	16	4
Mile 229 Bar	229.0 - 230.0	49,963	0 - 49,963	32	8
Benton Bar	232.5 - 234.9	11,961	1,591 - 26,291	10	7
Robert F. Henry LA	235.5 - 236.2	21,290	8,422 - 34,157	16	6

Alabama-Coosa Rivers
Approved and Proposed Within-Bank Disposal Areas

Table 2

Site	Navigation Mile	Bank (Descending)	Size (A) ¹
Mile 0	0.0 - 0.3	Left	2.7
Mile 0.5	0.5 - 1.1	Right	5.5
Mile 2.5	2.5 - 3.4	Left	8.2
Mile 3.5	3.5 - 3.8	Right	2.7
Mile 3.8	3.8 - 4.0	Left	1.8
Mile 5.0	4.7 - 5.2	Right	4.6
Fort Mims Cutoff	6.4 - 6.5	Right	0.9
Fort Mims Cutoff	6.9 - 7.0	Right	0.9
Fort Mims Cutoff	7.0 - 7.1	Right	0.9
Fort Mims Cutoff	7.1 - 7.2	Right	0.9
Fort Mims Cutoff	7.2 - 7.4	Right	1.8
Wilkin Bend	7.8 - 7.9	Left	0.9
Fort Mims Cutoff	7.9 - 8.0	Left	0.9
Wilkin Bend	7.3 - 8.8	Right	4.6
Alabama River Cutoff	8.8 - 9.1	Right	2.7
Alabama River Cutoff	9.1 - 9.3	Right	1.8
Alabama River Cutoff Entrance	9.3 - 9.7	Right	3.6
Mile 10.5	9.5 - 11.0	Left	13.6
Wolf Gut	12.0 - 12.6	Right	5.5
Mile 13	12.6 - 14.0	Left	12.7
Mile 14	14.0 - 14.1	Left	0.9
Mile 14	14.1 - 14.8	Left	6.4
Mile 16	15.9 - 17.4	Right	13.6
*Mile 18	17.2 - 17.4	Left	1.8
Mile 18	17.4 - 17.9	Left	4.6
Mile 18	17.9 - 18.2	Left	2.7
Mile 19	18.1 - 18.9	Right	7.3
Aberdeen Wreck	19.4 - 19.9	Right	4.6
Aberdeen Wreck	19.8 - 20.0	Left	1.8
Aberdeen Wreck	20.0 - 20.2	Left	1.8
Aberdeen Wreck	20.2 - 20.5	Left	2.7
Aberdeen Wreck	20.5 - 20.6	Left	0.9
Aberdeen Wreck	20.3 - 20.8	Right	4.6
Aberdeen Wreck	21.1 - 21.4	Left	2.7
Aberdeen Wreck	21.4 - 21.5	Left	0.9
Earle's Bar	21.5 - 22.4	Left	8.2
Earle's Bar	22.2 - 22.6	Right	3.6
Earle's Bar	22.6 - 23.3	Right	6.4
Earle's Bar	22.9 - 23.2	Center	2.7
Earle's Bar	23.3 - 23.4	Right	0.9
Earle's Bar	23.4 - 24.0	Right	5.5
Dead River	24.9 - 25.4	Left	4.6
Dead River	54.4 - 26.0	Left	5.5
Dead River	26.0 - 26.5	Left	4.6
Lower Madison	28.0 - 29.9	Left	17.3
Lower Madison(New)	29.2 - 29.7	Right	4.6
Upper Madison	29.9 - 30.6	Left	6.4

Site	Navigation Mile	Bank (Descending)	Size (A) ¹
Upper Madison	30.4 - 30.6	Right	1.8
Upper Madison	30.6 - 30.9	Right	2.7
Upper Madison	30.9 - 31.0	Right	0.9
Matthewson	31.0 - 32.0	Right	9.1
Red Eagle	33.2 - 34.0	Left	7.3
Red Eagle	34.0 - 34.7	Left	6.4
Red Eagle	35.0 - 35.6	Right	5.5
Potts	35.6 - 37.2	Right	14.6
Mt. Pleasant	37.7 - 38.0	Right	2.7
Irvin Creek	38.9 - 39.5	Left	5.5
Irvin Creek	39.9 - 40.2	Right	2.7
Irvin Creek	40.2 - 40.8	Right	5.5
Carters	40.8 - 41.0	Right	1.8
Carters	40.8 - 41.9	Left	10.0
Gainestown	41.9 - 42.4	Left	4.6
Gainestown	42.2 - 42.4	Right	1.8
Gainestown	42.4 - 42.6	Right	1.8
California	42.6 - 42.9	Right	2.7
California	42.9 - 43.9	Right	9.1
California	44.0 - 45.0	Left	9.1
Lombard	45.3 - 46.2	Left	8.2
Shackleford	46.2 - 46.4	Left	1.8
Shackleford	46.4 - 46.5	Left	0.9
Shackleford	46.5 - 46.6	Left	0.9
Lombard	45.7 - 45.9	Right	1.8
Shackleford	46.6 - 47.3	Right	6.4
Shackleford	47.3 - 47.6	Right	2.7
Shackleford	47.6 - 47.7	Right	0.9
Bailey Creek	48.4 - 49.5	Right	10.0
Bailey Creek	49.2 - 50.4	Left	10.9
Lovetts Creek	50.7 - 51.3	Right	5.5
* Howards Landing	51.3 - 52.2	Right	8.1
Howards Landing	52.2 - 53.2	Right	9.1
Howards Landing	52.1 - 52.6	Left	4.5
Dales Ferry	54.5 - 55.5	Right	9.1
* Dales Ferry	55.5 - 56.5	Right	9.1
Mrs. Grays	56.5 - 58.5	Left	18.2
Mrs. Grays	58.5 - 58.8	Left	2.7
Mrs. Grays	57.8 - 58.7	Right	8.2
Pigeon Creek	58.8 - 60.2	Left	12.7
Pigeon Creek	60.2 - 60.7	Right	4.6
Mile 61	60.8 - 61.9	Right	10.0
Mile 62	61.8 - 62.3	Left	4.6
Gosport Landing	62.3 - 62.7	Right	3.6
Mile 63.5	63.0 - 64.0	Left	9.1
Gaillard Creek	64.4 - 65.2	Left	7.3
Claiborne	66.4 - 68.4	Right	18.2
Limestone Creek	68.4 - 68.9	Right	4.6
Flat Creek	68.9 - 69.7	Right	7.3
Limestone Creek	68.0 - 68.4	Left	3.6
Claiborne LA	71.5 - 72.5	Right	9.1

Site	Navigation Mile	Bank (Descending)	Size (A) ¹
* Claiborne LA	70.8 - 71.7	Left	8.1
Mile 75	74.8 - 75.7	Right	8.2
Cane Creek	81.7 - 81.9	Left	1.8
Cane Creek	82.2 - 82.5	Right	2.7
Haines Island	82.5 - 82.8	Left	2.7
Bates Bar	86.1 - 86.6	Right	4.6
Bates Bar	86.6 - 86.8	Center	1.8
Bates Bar	86.9 - 87.0	Left	0.9
McCalls Creek	90.8 - 91.6	Right	7.3
* McCalls Creek	91.6 - 92.3	Left	6.4
Steins Island	94.3 - 94.6	Left	2.7
Steins Island	94.5 - 94.9	Right	3.6
Steins Island	95.0 - 95.5	Right	4.6
Webb Landing	98.6 - 98.9	Left	2.7
Webb Landing	99.1 - 99.4	Right	2.7
Bear Creek	99.9 - 100.2	Right	2.7
* Bear Creek	100.2 - 100.7	Left	4.5
Black Creek	100.7 - 101.0	Left	2.7
Yellow Bluff	103.4 - 103.6	Left	1.8
Mile 107	107.0 - 108.0	Left	9.1
Tait	109.5 - 109.6	Left	0.9
Tait	109.8 - 110.0	Right	1.8
Black's Bluff	11.3 - 111.6	Right	2.7
Black's Bluff	111.6 - 112.0	Left	3.6
Pursley Creek	112.3 - 113.2	Right	8.2
Mile 115	115.4 - 116.0	Left	5.5
Hobbs	116.1 - 116.9	Right	7.3
Hobbs	116.9 - 117.6	Right	6.4
Yellow Jacket	117.6 - 118.1	Right	4.6
Yellow Jacket	118.1 - 118.3	Right	1.8
Mile 120.5	120.3 - 120.5	Right	1.8
Evans	120.5 - 120.8	Right	2.7
Mile 120.5	120.5 - 120.8	Left	2.7
Walnut Bluff	121.4 - 121.9	Left	4.6
Walnut Bluff	122.0 - 122.8	Right	7.3
Beaver Creek	123.0 - 125.0	Left	18.2
Midway	131.7 - 132.9	Right	10.9
Upper Approach	133.0 - 133.4	East of Approach	3.6
Cades	199.9 - 201.3	Left	12.7
Cades	200.2 - 200.6	Right	3.6
Mile 210	209.2 - 210.1	Left	8.2
Mile 215	215.0 - 215.9	Left	8.2
Mile 217	216.6 - 217.9	Right	11.8
Gardners Island	220.2 - 221.2	Right	9.1
Gardners Island	220.8 - 221.8	Left/Center	9.1
Gardners Island	221.6 - 222.0	Right/Center	3.6
Gardners Island	222.0 - 222.1	Right	0.9
Mile 223.5	222.7 - 223.5	Right	7.3
Mile 223.5	223.6 - 224.1	Left	4.6
Mile 225	224.6 - 226.2	Right	14.6
Upper Brothers Bar	226.2 - 226.7	Right	4.6

Site	Navigation Mile	Bank (Descending)	Size (A) ¹
Upper Brothers Bar	226.7 - 226.9	Left	1.8
Upper Brothers Mile 228	226.9 - 227.0	Right	0.9
Mile 228	227.5 - 227.7	Left	1.8
Mile 229	227.8 - 228.7	Right	8.2
Benton's Bar	228.8 - 229.6	Left	7.3
* Benton's Bar	232.9 - 234.2	Right	11.8
Lower Approach	232.0 - 232.9	Left	8.2
	235.1 - 236.1	Right	9.1
Grand Total			847.6

¹ Acreage estimates are based on an average 75-foot width encompassing the area along the riverbank. The disposal is confined to the area along the riverbank below the ordinary high waterline extending riverward into the aquatic environment, and is generally unforested, however may contain some young (less than 15 years old) early successional tree species (willow, cottonwood, and sycamore) which have developed on previously disposed dredged material and/or natural bars and berms.

² The asterisk indicates the proposed within-banks disposal areas.

ALABAMA-COOSA RIVERS
APPROVED ABOVE-BANK DISPOSAL AREAS

Table 3

Site	Navigation Mile	Bank (Descending)	Size (Acres)	Previously Used	Habitat
1-A ²	6.8	Left	20.2	Yes	Disturbed
A-1 ²	7.8	Left	63.2	Yes	Disturbed
1-B ²	9.1	Left	6.9	Yes	Disturbed
B ⁴	9.1	Left	15.0	No	Hardwoods
D-1	20.2	Right	8.5	Cleared in 1968/Unused	Hardwoods
D	20.4	Right	10.4	Yes	Disturbed
15-F ⁴	22.8	Right	35.0	No	Cutover Hardwoods
1-G ^{3,4}	30.4	Right	32.0	No	27A Pasture
G	30.7	Right	15.3	Yes	5A Hardwoods
H	31.0	Left	9.5	Yes	Disturbed
I	31.3	Right	7.7	Yes	Disturbed
J	34.1	Right	7.4	Yes	Disturbed
L-1 ²	39.9	Left	9.8	Yes	Disturbed
M ²	41.0	Right	11.4	Yes	Disturbed
M-3 ^{3,4}	41.5	Left	23.0	No	Cropland
N-1	43.0	Right	10.7	Yes	Disturbed
N-2	43.2	Right	10.5	Yes	Disturbed
N-3	43.6	Right	9.8	Yes	Disturbed
N-4	43.7	Right	12.1	Yes	Disturbed
N-6 ⁴	43.3	Right	33.0	No	Hardwoods
O ⁴	46.6	Right	9.8	Yes	Disturbed
P-1 ⁴	46.9	Left	8.9	Yes	Disturbed
P-2 ⁴	47.5	Left	8.5	Yes	Disturbed
Q ⁴	47.1	Right	9.6	Yes	Disturbed
1-R ^{2,3}	49.4	Right	8.2	Yes	Disturbed
2-R ^{2,3}	49.6	Right	8.5	Yes	Disturbed
6-R ⁴	50.0	Left	27.0	No	Clearcut
S-1	57.8	Left	7.1	Cleared/ Diked/Unused	Hardwoods
S-2 ²	58.1	Left	6.2	Yes	Disturbed
S-3 ^{2,3}	58.4	Left	8.7	Yes	Disturbed
S-4 ⁴	57.9	Left	20.0	No	Hardwoods
T-4 ⁴	60.0	Right	26.0	No	9A Cropland
U-1	67.2	Right	15.0	Yes	17A Hardwoods
U-2	67.4	Right	3.8	No	Disturbed Pasture

Site	Navigation Mile	Bank (Descending)	Size (Acres)	Previously Used	Habitat
U-3 ⁴	67.3	Right	3.5	No	Mixed
V	686.2	Right	6.4	Yes	Pine/Hardwoods
W	68.4	Right	6.8	Yes	Disturbed
W-1 ⁴	68.9	Left	21.0	No	Disturbed
X ³	69.1	Right	9.8	Yes	Pine Plantation
Y	72.0	Left	5.0	No	Disturbed
Z	221.8	Left	15.0	No	Disturbed
					Hardwoods
Grand Totals			586.2		

¹ Does not include buffer zone or pipeline corridor.

² Currently approved sites.

³ Further cultural resource coordination required prior to use.

⁴ Disposal area size contingent on construction of training dikes.

ALABAMA-COOSA RIVERS
SMALL BOAT ACCESS CHANNELS

Table 4

RM.	BANK	AREA	LAKE	EST.CY	Existing WQC
71.7	Left	Claiborne Lower Pool Boat Ramp*	AL River	500	No
73.3	Left	Isaac Creek - Mouth & Ramp*	Claiborne	1500	Yes
76.1	Right	Silver Creek*	Claiborne	8000	Yes
76.9	Left	Maiben Creek	Claiborne	5000	Yes
82.0	Right	Cane & Camp Creeks	Claiborne	4500	Yes
84.5	Left	Haines Island Boat Ramp*	Claiborne	2000	Yes
86.6	Left	Bailey Creek & McDuffie Landing*	Claiborne	8000	Yes
90.6	Left	Bell's Landing*	Claiborne	4500	Yes
90.6	Left	Tallahatchee Creek	Claiborne	8000	Yes
91.1	Left	McCall's Creek	Claiborne	2000	Yes
101.1	Left	Black Creek**	Claiborne	850	Yes
124.8	Right	Clifton Ferry Boat Ramp*	Claiborne	100	Yes
133.5	Left	Millers Ferry Dam site*	Dannelly	8000	Yes
134.0	Right	Shell Creek #1 & Boat Ramp*	Dannelly	10000	Yes
134.2	Right	Shell Creek #2	Dannelly	10000	Yes
134.5	Left	Millers Ferry Campground* (Sand Island)	Dannelly	4350	Yes
136.3	Left	North Access of Sand Island Slough	Dannelly	2500	Yes
143.0	Left	Alligator Slough	Dannelly	1000	Yes
146.9	Right	Gee's Bend*	Dannelly	1000	Yes
147.0	Right	Gee's Bend Ferry Access	Dannelly	2500	Yes
147.4	Left	Ellis Landing Boat Ramp*	Dannelly	6000	Yes
147.9	Left	Gee's Bend Ferry Access	Dannelly	2500	Yes
150.4	Left	Bridgeport Park** - Mouth & Ramp	Dannelly	4000	Yes
150.7	Left	Roland Cooper Ramp Slough	Dannelly	5000	Yes
150.8	Right	Gold Mine Slough	Dannelly	2500	Yes
151.3	Left	Roland Cooper State Park**	Dannelly	5000	Yes
158.4	Right	Chilatchee Creek* - 3 areas	Dannelly	6000	Yes
160.6	Right	Bogue Chitto Creek & Ramp*	Dannelly	1000	Yes
160.9	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
161.1	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
161.6	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
161.9	Right	River Oaks Landing & Lodge	Dannelly	2000	Yes
162.3	Right	Choctaw Canal	Dannelly	1000	Yes
162.5	Left	Rum Creek	Dannelly	1500	Yes
162.6	Right	Jones Slough	Dannelly	1000	Yes
162.8	Right	Arrowhead Point #1	Dannelly	1000	Yes
162.9	Right	Arrowhead Point #2	Dannelly	1000	No
162.9	Left	Three Stump Slough	Dannelly	500	No
164.4	Right	Gee's Creek	Dannelly	2500	Yes
166.0	Left	White Oak Creek & Portland Ramp**	Dannelly	500	No
168.4	Right	Slough	Dannelly	500	No

RM.	BANK	AREA	LAKE	EST.CY	Existing WQC
168.6	Left	Elm Bluff Park & Boat Ramp*	Dannelly	3900	Yes
169.6	Right	Near Two Sloughs	Dannelly	500	No
175.8	Left	Slough	Dannelly	500	No
188.4	Right	Old Cahaba Boat Ramp**	Dannelly	6000	Yes
190.4	Right	McDowell Landing	Dannelly	900	Yes
194.2	Left	Six Mile Creek Park & Ramp*	Dannelly	6000	Yes
197.0	Left	Bethel Branch	Dannelly	800	Yes
203.7	Right	Selma City Marina	Dannelly	1000	Yes
206.2	Right	Beech Creek Marina	Dannelly	9000	Yes
223.1	Right	Steeles Landing Boat Ramp*	Dannelly	1500	Yes
233.6	Left	Benton Access Area*	Dannelly	2000	Yes
237.9	Left	Prairie Creek PUA* - 2 areas	Woodruff	2000	Yes
241.2	Right	Jones Bluff Park (Ivy Creek)*	Woodruff	3900	Yes
242.9	Left	Henderson's Landing	Woodruff	1500	Yes
246.2	Right	Cooper Howard Creek	Woodruff	400	Yes
250.8	Left	Holy Ground Battlefield Park & Ramp*	Woodruff	1000	Yes
251.0	Left	Cypress Creek & Holy Ground Beach	Woodruff	500	No
251.7	Right	Molly Branch	Woodruff	750	Yes
255.3	Right	Strickland Landing - 2 areas	Woodruff	6200	Yes
255.6	Right	Swift Creek* - 2 areas	Woodruff	4000	Yes
259.8	Left	New Port Landing & Tenesaw Creek	Woodruff	3600	Yes
266.3	Left	Tallawassee Creek*	Woodruff	1050	Yes
268.9	Left	Pintlalla Creek	Woodruff	4500	Yes
272.8	Left	Catoma Creek & Gunter Hill Park*	Woodruff	4000	Yes
275.2	Right	Autauga Creek	Woodruff	200	Yes
276.0	Right	Noland Creek	Woodruff	500	No
278.7	Left	Montgomery Marina	Woodruff	500	No
279.9	Right	Cooters Pond Subdivision	Woodruff	500	Yes
280.1	Right	Cooters Pond Park** - 2 areas	Woodruff	10500	Yes
280.9	Left	Slough	Woodruff	2000	Yes
285.3	Left	Maxwell AFB	Woodruff	500	Yes
286.0	Left	Powder Magazine**	Woodruff	2000	Yes
298.3	Right	Jackson Lake* #1	Woodruff	500	No
298.5	Right	Jackson Lake* #2	Woodruff	1000	Yes
COOSA RIVER					
6.0	Left	Tallapoosa and Dead River	Woodruff	1000	Yes
TALLAPOSA RIVER					
6.4	Left	Fort Toulouse Natl. Historic Park**	Woodruff	16000	Yes

* Public Use Areas (PUA) and/or boat ramps owned and operated by COE.

** Public Use Areas (PUA) owned by COE but leased to other city, county, or state agencies.