



DEPARTMENT OF THE ARMY
MOBILE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, AL 36628-0001

REPLY TO
ATTENTION OF

CESAM-PD-EI
PUBLIC NOTICE NO. FP08-AL01-17

4 December 2008

**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
SMALL BOAT ACCESS CHANNELS
IN THE ALABAMA AND COOSA RIVER SYSTEM, ALABAMA
A FEDERALLY AUTHORIZED PROJECT**

Interested persons are hereby notified that the United States 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 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 on water quality, relative to the requirements of Section 404(b)(1) of the Clean Water Act. We also ask your comment on any other potential impact.

WATERWAY AND LOCATION: Alabama and Coosa Rivers, Alabama.

DESCRIPTION OF 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 allowable over depth 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.

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-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, 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. State water quality certification is being requested from Alabama Department of Environmental Management.

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 Alabama-Coosa River 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 14 May 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 9 October 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 29 September 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 30 June 1987; Environmental Assessment, Proposed Maintenance Dredging and Disposal Within Small Boat Access Channels, Alabama-Coosa Rivers, Alabama, dated 17 February 1987; Environmental Assessment, Proposed Maintenance Dredging and Disposal Within Small Boat Access Channels, Alabama-Coosa Rivers, Alabama, dated 11 August 1992; and Draft Environmental Assessment, Proposed Maintenance Dredging and Disposal Within Small Boat Access Channels, Alabama-Coosa Rivers, Alabama, dated 15 July 2002; and Environmental Assessment Proposed Maintenance Dredging and Dredged Material Disposal For Small Boat Access Channels in the Alabama River, Alabama, dated 5 January 2004.

In addition the four new proposed small boat access channels were addressed in a Draft Environmental Assessment (EA). This assessment indicates an environmental impact statement for the small boat access channels is not needed. The EA is available for review at the USACE, Mobile District webpage: <http://www.sam.usace.army.mil/pd/Pd1.htm>. 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 Office, 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 of lists of historic vessel 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.

One known wreck location is the site of the steamers *Aberdeen* and *Duke*, in the vicinity of a proposed within-bank disposal site. A 300 foot buffer zone upstream and 500 foot buffer downstream of the wreck will be maintained during placement of dredged material in the within-bank disposal site. Wrecks of the *Mobile*, *Kansas*, *Virginia* and the *Henderson* in the lower reaches and the *Eureka*, *Antoinette Douglas* and *Cuba* in the mid reaches are examples of other submerged cultural resources that may be affected by proposed maintenance activities.

Dredging contract specifications should identify archeologically sensitive areas that should be avoided or monitored during dredging/disposal activities. However, many of the reported steamboat wrecks are outside of areas proposed for maintenance dredging and disposal. Therefore, avoidance or clearance of historic properties will be coordinated as future maintenance dredging/disposal activities are planned and schedules for individual reaches are approved.

ENDANGERED/THREATENED SPECIES: Preliminary review of the proposed activities and the U.S. Department of Interior List of Endangered and Threatened Wildlife and Plants, indicates that the following species potentially are located and have habitat in the project: Gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), Florida panther (*Felis concolor coryi*), bald eagle (*Haliaeetus leucocephalus*), American peregrine falcon (*Falco peregrinus anatum*), Bachman's warbler (*Vermivora bachmanii*), wood stork (*Mycteria americana*), red-cockaded woodpecker (*Picoides borealis*), American alligator (*Alligator mississippiensis*), eastern indigo snake (*Drymarchon coralis couperi*), gopher tortoise (*Gopherus polyphemus*), Alabama red-bellied turtle (*Pseudemys alabamensis*), Red Hills salamander (*Phaeognatus hubrichti*), blue shiner (*Cyprinella caerulea*), Gulf sturgeon (*Acipenser oxyrinchus desotoi*), Alabama sturgeon (*Scaphirhynchus suttkusi*), southern acornshell (*Epioblasma othcaloogensis*), fine-lined pocketbook (*Lampsilis altilis*), southern combshell (*Epioblasma othcaloogensis*), Coosa moccasinshell (*Medionidus parvulus*), southern pigtoe (*Pleurobema georgianum*), tulotoma snail (*Tulotoma magnifica*), orange-nacre mucket (*Lampsilis perovalis*), heavy pigtoe Mussel (*Pleurobema taitianum*), Alabama pearlshell (*Margaritifera marrianae*), Alabama moccasinshell (*Medionidus acutissimus*) and Georgia rockcress (*Arabis georgiana*).

This public notice is being coordinated with the U. S. Fish and Wildlife Service to determine likelihood of any impacts to listed or proposed endangered or threatened species or critical habitat for such species.

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.

In as much 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, 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

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

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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. FP08-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 January 4, 2009. Copies of comments should also be forwarded to Alabama Department of Environmental Management, Field Operations Division, P.O. Box 301463, and 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
Chief, Planning and Environmental
Division

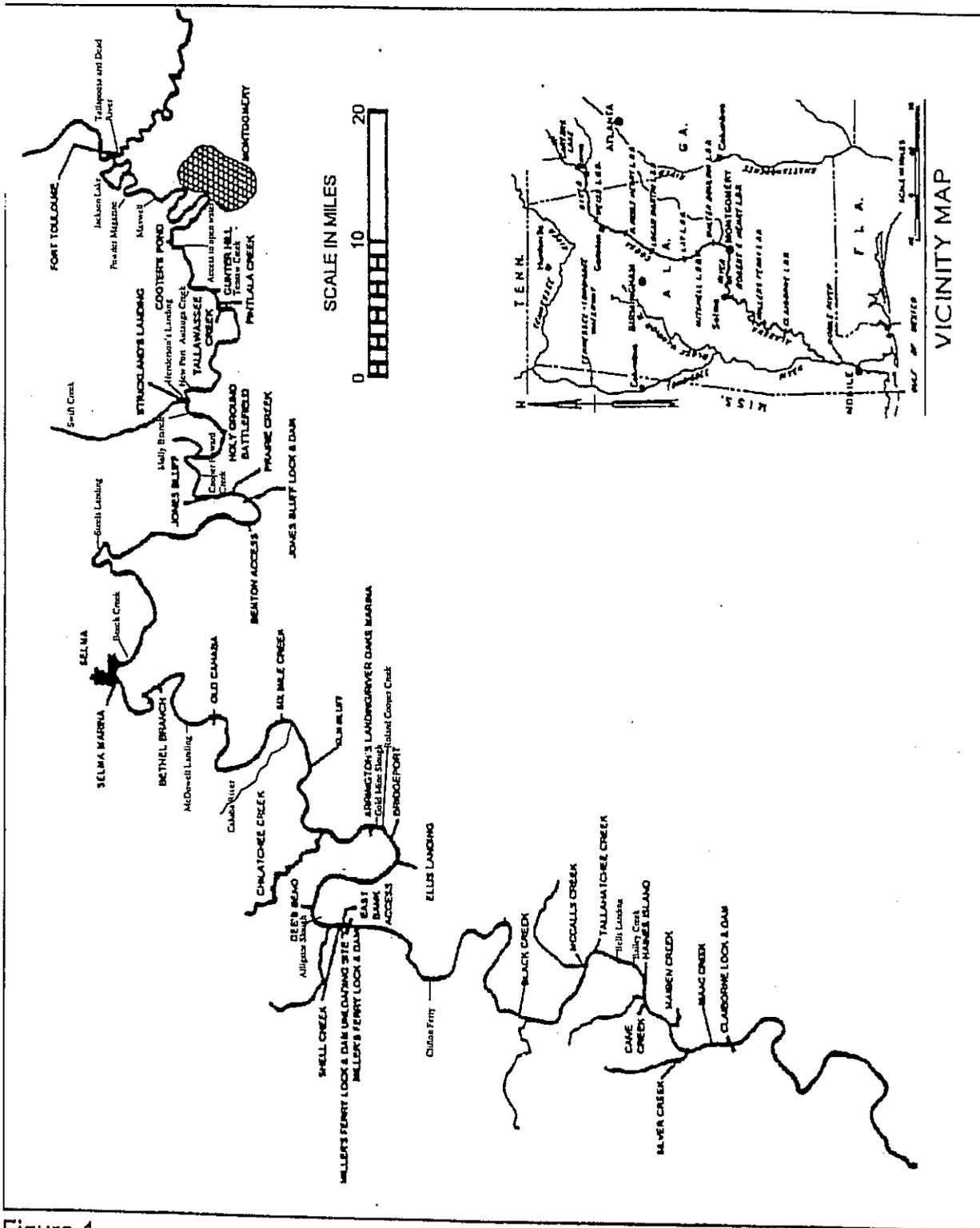


Figure 1

ALABAMA-COOSA RIVERS
APPROVED DREDGING REACH LOCATIONS

Table 1

Bar Name	Navigation Mile	Dredging Frequency (Every X Yrs.)	Quantity Removed Avg. Per Assignment (Cu. Yds.)	Range (Cu. Yds.)
Wilken Bend	7.8 - 8.6	26	56,794	10,000 - 56,794
Mile 9 Bar	8.6 - 9.3	4	36,680	10,586 - 82,748
Mile 10.5 Bar	9.9 - 11.2	3	42,381	16,904 - 88,768
Wolf Gut Bar	11.9 - 12.6	5	32,610	9,742 - 68,190
Mile 13 Bar	12.6 - 13.3	26	87,481	10,000 - 88,000
Singleton Landing Bar	13.3 - 14.4	5	28,324	7,830 - 76,788
Mile 16 Bar	15.9 - 16.6	26	9,360	1,000 - 9,360
Mile 19 Bar	18.8 - 19.8	13	19,988	4,525 - 35,451
Aberdeen Wreck	19.8 - 21.1	2	33,523	1,745 - 146,614
Mile 21.5 Bar	21.1 - 21.6	13	19,468	6,833 - 32,103
Earles Bar	21.6 - 23.6	1	46,360	1,159 - 195,371
Mile 24.8 Bar	23.6 - 25.0	26	20,535	10,000 - 21,000
Dead River Bar	25.0 - 26.1	4	45,386	2,970 - 198,884
Lower Madison Bar	28.0 - 29.7	2	29,434	11,657 - 81,166
Upper Madison Bar	29.7 - 30.6	4	62,453	4,862 - 115,262
Matthewson Bar	30.6 - 31.6	1	40,431	4,871 - 132,004
Red Eagle Landing	33.1 - 34.9	2	48,508	14,089 - 132,978
Mile 35.6 Bar	34.9 - 35.8	7	41,174	18,519 - 68,382
Potts Bar	35.8 - 36.6	3	33,685	7,978 - 81,367
Mt. Pleasant Landing	37.6 - 37.9	13	26,205	25,839 - 26,571
Kellum Landing	38.3 - 39.3	7	14,011	2,420 - 34,913
Irvin Creek	39.3 - 40.2	1	39,996	3,912 - 171,378
Carters Bar	40.2 - 41.3	1	44,601	728 - 162,973
Eureka Landing	41.8 - 42.9	3	21,444	2,286 - 47,608
California Bar	42.9 - 44.3	1	37,122	4,465 - 160,805
Lombard Landing Bar	45.4 - 46.0	1	51,057	2,946 - 198,319
Shackleford Bar	46.0 - 47.7	1	34,722	4,110 - 140,167
Bills Bar	47.7 - 49.2	5	40,204	812 - 121,428
Bailey Creek	49.2 - 51.0	1	66,474	4,344 - 332,628
Lovetts Creek	51.0 - 52.1	2	29,428	264 - 254,519
Howard Landing	52.1 - 52.6	2	28,198	1,686 - 96,334
Marshall Gin Landing	55.3 - 57.5	13	43,365	42,553 - 44,176
Mrs. Gray's Bar	57.5 - 58.9	1	68,113	355 - 287,468
Pigeon Creek Bar	58.9 - 60.1	1	60,157	5,264 - 175,107
Mile 61 Bar	60.7 - 61.2	26	3,876	1,000 - 3,876
Mile 62 Bar	61.2 - 62.5	26	86,084	10,000 - 86,084
Gosport Landing	62.5 - 63.5	2	21,911	3,816 - 48,088

ALABAMA-COOSA RIVERS
 APPROVED DREDGING REACH LOCATIONS

Table 1

Bar Name	Navigation Mile	Dredging Frequency (Every X Yrs.)	Quantity Removed Avg. Per Assignment (Cu. Yds.)	Range (Cu. Yds.)
Gaillard Creek Bar	64.7 - 65.2	26	37,232	10,000 - 37,232
Claiborne Bridge Bar	66.4 - 67.6	2	30,692	2,738 - 221,023
Limestone Creek Bar	67.6 - 68.6	2	40,528	3,364 - 166,618
Big Flat Creek	68.6 - 69.9	4	21,332	8,002 - 45,757
Claiborne Lock LA	71.3 - 72.5	1	36,462	502 - 129,058
Claiborne Lock UA	72.5 - 72.6	7	9,733	8,706 - 12,044
Wilcox Bar	106.9 - 108.0	13	26,288	24,313 - 28,263
Holley Ferry Lower	116.8 - 117.3	26	15,977	10,000 - 15,977
Walnut Bluff	121.7 - 122.8	26	38,529	10,000 - 38,529
Millers Ferry LA	131.8 - 133.0	9	29,317	1,242 - 74,487
Gardner's Island	220.2 - 221.7	13	22,218	8,981 - 35,455
Upper Brothers	225.7 - 227.0	26	15,831	10,000 - 15,831
Mile 228 Bar	228.0 - 229.0	13	18,914	14,082 - 23,746
Mile 229 Bar	229.0 - 230.0	26	49,963	10,000 - 49,963
Benton Bar	232.5 - 234.9	9	11,961	1,591 - 26,291
Robert F. Henry LA	235.5 - 236.2	13	21,290	8,422 - 34,157

ALABAMA –COOSA RIVERS
 APPROVED WITHNIN-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	17.4 - 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

ALABAMA –COOSA RIVERS
 APPROVED WITHNIN-BANK DISPOSAL AREAS

Table 2

Site	Navigation Mile	Bank (Descending)	Size (A) ¹
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
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

ALABAMA –COOSA RIVERS
 APPROVED WITHNIN-BANK DISPOSAL AREAS

Table 2

Site	Navigation Mile	Bank (Descending)	Size (A) ¹
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	52.1 - 52.5	Left	3.6
Howards Landing	52.2 - 53.2	Right	9.1
Howards Landing (New)	52.5 - 52.6	Left	0.9
Dales Ferry	54.5 - 55.5	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
Lower Approach	71.5 - 72.5	Right	9.1
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
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

ALABAMA –COOSA RIVERS
APPROVED WITHIN-BANK DISPOSAL AREAS

Table 2

Site	Navigation Mile	Bank (Descending)	Size (A) ¹
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
Upper Brothers Bar	226.7 - 226.9	Left	1.8
Upper Brothers	226.9 - 227.0	Right	0.9
Mile 228	227.5 - 227.7	Left	1.8
Mile 228	227.8 - 228.7	Right	8.2

ALABAMA –COOSA RIVERS
 APPROVED WITHNIN-BANK DISPOSAL AREAS

Table 2

Site	Navigation Mile	Bank (Descending)	Size (A) ¹
Mile 229	228.8 - 229.6	Left	7.3
Benton's Bar	232.9 - 234.2	Right	11.8
Lower Approach	235.1 - 236.1	Right	9.1
Total			431.3
Grand Total			793.3

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.

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 17A Hardwoods
U-1	67.2	Right	15.0	Yes	Disturbed
U-2	67.4	Right	3.8	No	Pasture

ALABAMA-COOSA RIVERS
 APPROVED ABOVE-BANK DISPOSAL AREAS

Table 3

Site	Navigation Mile	Bank (Descending)	Size (Acres)	Previously Used	Habitat
U-3 ¹	67.3	Right	3.5	No	Mixed Pine/Hardwoods
V	686.2	Right	6.4	Yes	Disturbed
W	68.4	Right	6.8	Yes	Disturbed
W-1 ⁴	68.9	Left	21.0	No	Pine Plantation
X ³	69.1	Right	9.8	Yes	Disturbed
Y	72.0	Left	5.0	No	Disturbed
Z	221.8	Left	15.0	No	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
73.3	Left	Issac Creek - Mouth & Ramp	Claiborne	1500	Yes
76.0	Right	Silver Creek	Claiborne	8000	Yes
77.0	Left	Mabin Creek	Claiborne	5000	Yes
82.0	Right	Cane Creek	Claiborne	4500	Yes
84.5	Left	Haines Island	Claiborne	850	Yes
86.8	Left	Bailey Creek	Claiborne	8000	Yes
90.6	Left	Bells Landing	Claiborne	4500	Yes
90.8	Right	Tallahatchee	Claiborne	8000	Yes
91.0	Left	McCall's Creek	Claiborne	2000	Yes
101.0	Left	Black Creek	Claiborne	850	Yes
124.8	Right	Clifton Ferry	Claiborne	100	Yes
133.2	Left	Millers Ferry Damsite	Dannelly	8000	Yes
134.0	Right	Shell Creek #1	Dannelly	10000	Yes
134.0	Right	Shell Creek #2	Dannelly	10000	Yes
134.3	Left	East Bank Dannelly - Campsites	Dannelly	4350	Yes
136.2	Left	North Access of Sand Island Slough	Dannelly	2500	No
143.0	Left	Alligator Slough	Dannelly	1000	Yes
147.0	Right	Gee's Bend	Dannelly	1000	Yes
147.1	Right	Gee's Bend Ferry Access	Dannelly	2500	No
147.4	Left	Ellis Landing	Dannelly	4000	Yes
147.9	Left	Gee's Bend Ferry Access	Dannelly	2500	No
150.4	Left	Bridgeport Park - Mouth & Ramp	Dannelly	4000	Yes
150.6	Left	Roland Cooper State Park	Dannelly	5000	Yes
150.7	Left	Roland Cooper Ramp Slough	Dannelly	5000	Yes
151.0	Right	Gold Mine Slough	Dannelly	2500	Yes
158.3	Right	Chilatchee Creek - 3 areas	Dannelly	6000	Yes
160.6	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
160.7	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
160.8	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
161.5	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
161.6	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
161.8	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
161.8	Right	River Oaks Marina/Arrington's Lodge	Dannelly	2000	Yes
162.0	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
162.5	Right	River Oaks Subdivision Slough	Dannelly	1000	Yes
162.9	Left	Rum Creek	Dannelly	1500	Yes
164.4	Right	Gee's Creek	Dannelly	2500	No
168.5	Left	Elm Bluff	Dannelly	3900	Yes

ALABAMA-COOSA RIVERS
 SMALL BOAT ACCESS CHANNELS

Table 4

RM.	BANK	AREA	LAKE	EST.CY	Existing WQC
188.8	Right	Old Cahaba	Dannelly	6000	Yes
190.8	Right	McDowell Landing	Dannelly	900	Yes
194.2	Left	Six Mile Creek	Dannelly	2000	Yes
197.1	Left	Bethel Branch	Dannelly	800	Yes
203.9	Right	Selma City Marine	Dannelly	1000	Yes
206.3	Right	Beech Creek Marina	Dannelly	1000	Yes
223.6	Right	Steeles Landing	Dannelly	1500	Yes
233.7	Left	Benton Access Area	Woodruff	1200	Yes
237.6	Left	Prairie Creek PUA - 2 areas	Woodruff	2000	Yes
241.5	Right	Jones Bluff Park (Ivy Creek)	Woodruff	3900	Yes
243.2	Right	Cooper Howard Creek	Woodruff	400	Yes
250.8	Left	Holy Ground Battlefield Park	Woodruff	1000	Yes
251.9	Right	Molly Branch	Woodruff	750	Yes
242.8	Left	Henderson's Landing	Woodruff	1500	Yes
255.7	Right	Strickland Landing - 2 areas	Woodruff	6200	Yes
255.7	Right	Swift Creek - 2 areas	Woodruff	4000	Yes
260.3	Left	New Port	Woodruff	3600	Yes
266.3	Left	Tallahassee Creek	Woodruff	1050	Yes
268.9	Left	Pintlala Creek	Woodruff	4500	Yes
272.8	Left	Gunter Hill Park	Woodruff	4000	Yes
275.2	Right	Autauga Creek	Woodruff	200	Yes
279.6	Right	R.M. 279.6 River bank	Woodruff	500	Yes
280.2	Right	Cooters Pond Park - 2 areas	Woodruff	10500	Yes
281.0	Left	R.M. 281.0 Left bank	Woodruff	2000	Yes
284.6	Left	Maxwell AFB	Woodruff	500	Yes
286.1	Left	Powder Magazine	Woodruff	2000	Yes
298.6	Left	Jackson Lake Access	Woodruff	1000	Yes
6.0	Left	Tallapoosa and Dead River	Woodruff	1000	Yes
6.4	Left	Fort Toulouse Natl. Historic Park	Woodruff	16000	Yes

NOTE: NEPA analysis for the existing Small Boat Access Channels (indicated by "Yes" in the last column "Existing WQC" has been addressed in prior Corps' environmental documentation.