

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-BT01-17 **20 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, SMALL BOAT ACCESS CHANNELS
AND JACKSON BAR DIVERTER JETTIES

BLACK WARRIOR TOMBIGBEE WATERWAY, ALABAMA

A FEDERALLY AUTHORIZED PROJECT

Interested persons are hereby notified that the U.S. Army Corps of Engineers (USACE), Mobile District proposes a plan to continue long-term maintenance dredging and disposal of dredged material for the Black Warrior and Tombigbee (BWT) Rivers, Alabama. The proposed action involves the continued use of all new and previously approved within-banks, disposal sites, upland disposal sites, small boat access channels and proposed construction of diverter jetties at Jackson Bar on the BWT Rivers, 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 specifically requested 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. Comments on any other potential impacts also are requested.

WATERWAY AND LOCATION: The proposed action is to be performed on the BWT Rivers, Alabama.

DESCRIPTION OF ENTIRE AUTHORIZED PROJECT: The existing BWT River System was authorized for navigation by various River and Harbor Acts from 1884 through 1960. Replacement of obsolete structures (old locks and dams) was authorized by the 1907 and 1909 River and Harbor Acts. The project was completed for beneficial use, to existing channel dimensions in 1938. The existing project provides a navigation channel 9 feet deep and 200 feet wide from the mouth of the Tombigbee River, 45 miles above Mobile, to the vicinity of Birmingham via the BWT Rivers to mile 430.4 (waterway miles above Mobile) on the Sipsey Fork, mile 429.6 on the Mulberry Fork, and mile 407.8 on the Locust Fork. The project also provides for maintenance by snagging of the Mobile River above the mouth of Chickasaw Creek for a total waterway project distance of about 463 miles. Six locks and dams accomplish the waterway's total lift of 256 feet.

<u>DESCRIPTION OF THE PROPOSED ACTION</u>: Annual maintenance dredging is conducted along the BWT waterway (Figure 1) to maintain the authorized project dimensions. Dredging activity is seasonally limited and generally performed during periods of low water, which range from April to December. Maintenance dredging usually is accomplished by hydraulic pipeline dredge; however, dragline or clamshell equipment may be required in isolated instances.

Continued operation and maintenance (O&M) activities are necessary for safe and unobstructed navigation on the waterway. To accomplish these objectives, future dredging and disposal requirements were determined. These determinations are based on O&M requirements and visual observations. Table 1 identifies areas that required dredging in the past. Approximately 83 percent of the dredging occurs on Warrior Lake and below Coffeeville Lock and Dam. Current dredging practices call for dredging to be performed at a depth of 9 feet plus 4 feet of advanced maintenance, 2 feet of allowable overdepth and 3 feet of disturbance. This practice allows a buffer zone in which four feet of material may accumulate during river stage fluctuations while maintaining the integrity of the authorized channel. Additionally, this practice helps preclude more than one dredging operation per site per season.

Within-banks are the preferred method for disposal of dredged material in all but the heavy shoaling reaches. However, as 'within-banks' sites reach capacity, plans have been developed to convert to diked upland disposal areas. Table 2 provides a listing of previously approved upland disposal areas, and Table 3 provides a listing of existing and proposed within-banks disposal sites.

In addition to maintenance of the primary river channel, routine dredging is necessary to assure access to small boat channels, public ramps, creeks, sloughs, and public docking facilities for pleasure boats. These areas are maintained by priority based on available funding. Access channels are dredged to a depth of four to four and one half feet and approximately 30 feet wide. A clamshell dredge, bucket dragline or small

hydraulic pipeline dredge is used to maintain these channels. Table 4 provides a listing of presently approved and proposed small boat access areas.

While the annual O&M activities are being conducted, the USACE is also proposing to construct diverter jetties at Jackson Bar requiring approximately 85,000 to 90,000 cubic yards of riprap. Navigation of this section of the river is hazardous due to the location of the Northfolk Southern Railroad Bridge relative to the bend and the accreting sand bar. The diverter jetties are the initial component of the recommended alternative that the USACE Engineer Research and Development Center (ERDC) developed and modeled to correct the hazard at Jackson Bar.

<u>WATER QUALITY CERTIFICATION</u>: 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.

<u>USE BY OTHERS</u>: The proposed project may have a temporary negative impact on local fishing and boating activities, but these activities will benefit long-term because the project will aid in maintaining navigation for commercial and recreational boaters.

NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) CONSIDERATIONS: In accordance with the requirements of NEPA, O&M of the BWT was addresses in the project's Final Environmental Impact Statement (FEIS) as filed with the President's Council on Environmental Quality in 16 April 1976. Subsequent Environmental Assessments (EAs) were prepared to address additional maintenance activities. The Final Supplement to the FEIS (FSFEIS) was filed with the U.S. Environmental Protection Agency (EPA) on 13 April 1987, and a Record of Decision was signed by the Division Engineer on 29 September 1987.

In addition the eighteen new proposed small boat access channels, twelve new proposed within-banks disposal areas and proposed construction of diverter jetties at Jackson Bar are addressed in Draft Environmental Assessments (EA), being coordinated as part of this public notice. The assessments indicate environmental impact statements for the small boat access channels, the within-banks disposal areas and diverter jetties are not needed. The EA is available for review at the USACE, Mobile District webpage:

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

<u>SECTION 404(b)(1) EVALUATION REPORT</u>: Water quality impacts associated with placing dredged/fill material into waters of the United States as a result of continual use

of previously approved disposal areas are addressed in a Section 404 (b)(1) Evaluation Report. This report was prepared in accordance with guidelines promulgated by the EPA under Section 404 (b)(1) of the Clean Water Act and is incorporated into the FSFEIS. The report is on file in the Mobile District Office.

CULTURAL/HISTORIC RESOURCES CONSIDERATIONS: The Mobile District has determined that 6 of the 12 within banks disposal areas 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 cultural resources that are indentified within or in close proximity of the proposed within banks disposal areas. 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.

No previously recorded cultural resources were identified within the area of potential effect for the 18 small boat access channel sites and associated disposal areas. The Mobile District has determined no historic properties affected by the proposed action as per 36 Code of Regulation 800.4(d)(1). This project will not have a significant impact on cultural resources.

The Jackson Jetty project is in the preliminary stages and finalized construction drawings are not available for review. Background research shows that the proposed work area between river miles 90.5 to 92.5 has a high sensitivity for cultural resources. Prior to construction a terrestrial and submerged phase I cultural resources assessment will be required. The results of these phase I surveys and the Mobile District's effects determination will be provided to the SHPO and interested federally recognized Tribes for comment and review. If cultural resources eligible for listing on the National Register of Historic Places are identified as a result of these phase I cultural resources surveys appropriate avoidance, monitoring, testing, mitigation plans, and or memorandum of agreements will be developed and provided to the appropriate agencies for review and comment.

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

The USACE 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 construction of diverter jetties as well as existing previously approved dredging locations, within-bank disposal areas, upland disposal areas and small boat access channels along the BWT River. On March 5, 1993 the FWS issued a Biological Opinion (BO) for Maintenance Dredging of the BWT Rivers for impacts to the inflated heelsplitter. This BO was revised in 1998 and amended in 2002 through the coordination process. In a letter dated December 20,

2013, the FWS recommended review of the level of incidental take authorized through the amended BO to ensure take would not be exceeded by the current proposal. The USACE believes the current proposal will not exceed the level of incidental take authorized through the amended BO. In addition, surveys will need to be conducted for the mussel at the proposed within-banks disposal areas and previously approved within-banks disposal areas if these sites have not be used in the past six years. In this letter, the FWS also concurred with our determination that avoiding dredging in the Federal navigation channel and small boat access channels during the period of March through May would 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.

<u>COORDINATION</u>: The Corps of Engineers 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 Corps of Engineers 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.

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

<u>PUBLIC HEARING</u>: 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-BT01-17 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 20, 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

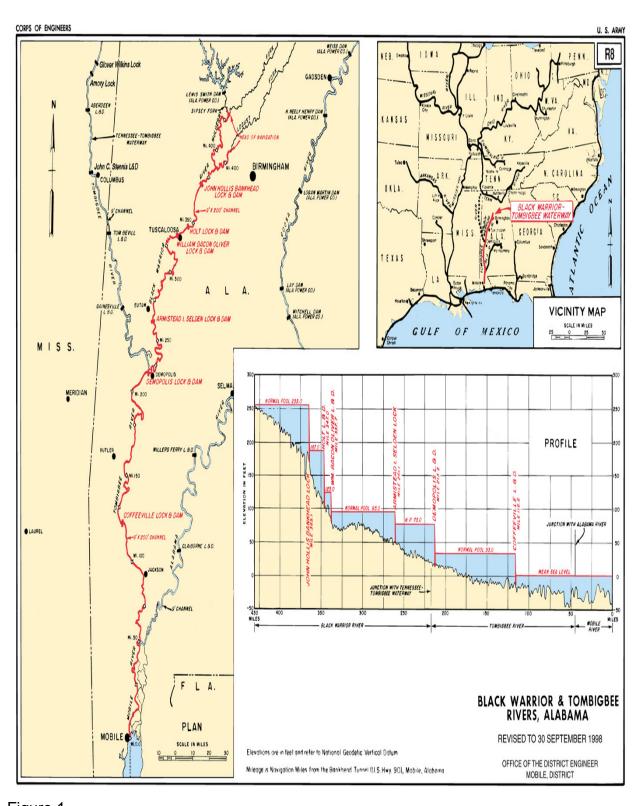


Figure 1

Table 1 Dredging

Dredging Location and Estimated Quantities of Material for for the Black Warrior and Tombigbee Rivers

			dredging durat	ion (in	days)
frequency (in years)					
		poter	ntial range of quantity		
		rage quantity	(in cubic yards)		
	Navigation mile	(in cubic			
location	Tamak tak	yards)			L
	Tombigb	ee River			
Below Coffeeville Lock and D					
Day's Bar	62.4 - 64.2	33,957	0 - 33,957	6	5
Side Lake Bayou	64.2 - 66.0	28,000	10,000 - 50,000	32	3
Lower Slades Woodyard	66.0 - 66.8	23,000	10,000 - 50,000	32	2
Upper Slades Woodyard	66.8 - 67.6	25,000	10,000 - 50,000	32	2
Green Lake	67.6 - 68.3	65,590	13,164 - 175,076	5	7
Mile 69 Bar	68.3 - 69.4	37,148	6,480 - 64,846	4	6
Mile 70 Bar	69.4 - 70.7	40,285	0 - 40,285	32	5
Export/Bull Pen Bar	70.7 - 72.5	28,700	10,000 - 70,000	32	3
Berris Landing	72.5 - 73.8	63,734	0 - 63,734	32	2
Bachelors Landing	73.8 - 75.7	34,842	4,890 - 63,296	2	7
Oven Bluff Bar	76.7 - 77.9	32,575	29,144 - 36,036	16	5
Sunflower Cut-off	77.9 - 79.2	76,005	10,008 - 299,093	1	10
Lower George Gaines Bar	81.3 - 82.3	51,948	10,115 - 178,969	2	8
Upper George Gaines Bar	82.3 - 83.0	106,787	0 - 106,787	32	14
Salt Creek	83.0 - 84.0	42,143	17,443 - 95,299	8	7
Lower Bolans Woodyard	84.0 - 85.3	11,806	2,321 - 17,913	10	4
Singleton Bar	85.3 - 86.4	46,532	25,501 - 75,216	4	8
East Bassetts Bar	86.4 - 88.1	44,679	1,710 - 125,041	1	9
Blackwell's Bar	88.1 - 89.3	58,146	4,190 - 191,533	1	6
Alabama Electric CO-OP Bar	89.3 - 90.0	6,505	2,135 - 14,765	8	5
Jackson Bar	90.0 - 91.3	99,317	205 - 298,615	1	14
Lower Princes Bar	91.3 - 92.3	30,313	10,444 - 62,940	2	7
St. Elmo Bar	95.3 - 96.2	74,739	15,412 - 166,338	1	10
Old Lock #1 Entrance	99.8 - 100.2	17,833	4,778 - 50,629	2	3
Old Lock #1 Cut-off	99.8 - 101.1	19,755	6,000 - 29,922	3	5
Taular Creek	102.1 - 102.6	22,982	0 - 22,982	32	5
Peavy's/Ballfield Bar	102.6 - 104.1	75,614	252 - 367,830	2	14
Little McGrew Shoals	104.1 - 105.6	52,488	711 - 192,666	1	11

Table 1 (cont'd)

dredging duration (in days)							
			frequency (in year		uays)		
		poter	ntial range of quantity]			
	avei	rage quantity	(in cubic yards)				
	navigation mile	(in cubic					
location		yards)					
Coffeeville Pool							
Waites Landing	106.0 - 107.6	38,630	10,453 - 87,265	1	17		
Buena Vista Bar	107.6 - 109.7	76,834	7,187 - 444,536	1	13		
Mile 110 Bar	109.7 - 110.9	194	0 - 194	6	2		
Pinetree Bar	113.8 - 114.9	16,776	9,913 - 19,936	2	3		
Coffeeville Lower Approach	116.0 - 116.6	25,133	515 - 101,890	1	9		
Coffeeville Upper Approach	116.6 - 118.2	147,770	54,248 - 241,292	16	14		
Turkey Shoals	176.7 - 178.0	164,267	164,267 - 164,267	32	19		
Lower Oakchia Bar	178.0 - 178.9	20,000	10,000 - 50,000	32	2		
Upper Oakchia Bar	178.9 - 180.0	18,500	10,000 - 50,000	32	2		
Four Mile Bar	183.5 - 185.6	25,000	5,000 - 75,000	32	3		
Miles Shoals	185.6 - 186.2	53,193	53,193 - 53,193	32	10		
Rainwater Bar	187.4 - 188.7	19,788	997 - 67,177	4	6		
Smith's Island	188.7 - 189.4	44,343	16,674 - 139,782	2	6		
Old Lock #3/Besteda	190.7 - 192.0	34,796	768 - 125,620	1	5		
Lone Brothers Bar	192.4 - 193.2	38,939	3,165 - 108,485	2	8		
Black Bluff	196.6 - 197.8	20,000	10,000 - 50,000	32	3		
Indian Queen Bar	202.5 - 203.1	28,260	20,050 - 37,715	8	6		
Demopolis Lower Approach	212.6 - 213.4	10,700	1,728 - 20,467	2	3		
Demopolis Pool							
Demopolis Upper Approach	213.4 - 214.3	15,000	10,000 - 25,000	32	3		
	Black War	rior River					
Demopolis Pool							
Montgomery's Wreck Bar	254.0 - 254.8	11,000	46 - 21,954	16	8		
Selden Lock Lower Approach	260.6 - 261.0	2,621	1,492 - 4,400	10	5		
		_,:	,,				
Warrior Pool							
Selden Lock Upper Approach	261.0 - 262.2	7,405	1,983 - 20,026	6	6		
Sample Bluff	268.2 - 268.9	25,500	20,000 - 50,000	32	2		

Table 1 (cont'd)

			dredging dura	tion (in	days)
			frequency (in year		uays)
		poter	ntial range of quantity	3,]	
	ave	rage quantity	(in cubic yards)		
	navigation mile	(in cubic	, ,		
location		yards)			
Warrior Pool (cont')					
Stave Bluff Landing	268.9 - 270.5	3,000	2,000 - 10,000	32	1
Childs Ferry	272.1 - 272.9	20,000	10,000 - 50,000	32	2
Bartees Point	272.9 - 273.2	17,000	17,000 - 19,000	32	1
Broadnax Bar	274.0 - 274.3	20,000	10,000 - 50,000	32	2
Z Logan Bar	275.7 - 277.0	11.000	10,000 - 25,000	32	1
Jones Field Bar	279.6 - 280.3	20,100	20,100 - 20,100	32	2
Spencers Mill Creek	281.7 - 282.3	8,500	2,000 - 10,000	32	1
Mary H. Bar	282.3 - 283.2	14,200	8,000 - 50,000	32	1
Kings Cut-Off	290.5 - 291.0	6,000	10,000 - 50,000	32	4
Dropout/Old Lock #9 Bar	292.0 - 293.6	30,256	697 - 59,815	16	6
Hazzard Bar	293.6 - 294.4	22,000	10,000 - 50,000	32	2
Izzard Shoals	294.4 - 294.9	10,833	9,620 - 12,145	16	3
Willifords Landing	294.9 - 295.7	12,114	2,090 - 30,435	8	4
Grays Bluff	296.2 - 298.0	54,875	1,328 - 270,347	2	9
Burroughs Landing	298.0 - 299.0	66,291	1,225 - 179,789	1	10
Toxey Bend	299.0 - 300.0	28,000	10,000 - 50,000	32	3
Beals Landing	300.0 - 300.9	34,383	9,105 - 133,315	2	6
Hemphill Landing	300.9 - 301.3	40,000	27,000 - 70,000	32	3
Wildhorse Bar	301.3 - 302.0	20,400	17,900 - 23,981	10	4
Mud Bar	302.0 - 303.1	53,804	32,488 - 64,956	5	5
McGowan Bluff	303.1 - 304.5	8,943	2,628 - 13,555	8	3
Mile 305 Bar	304.5 - 305.0	9,491	8,056 - 10,926	16	3
Van Cleave/Lewis Bar	305.0 - 306.7	19,615	13,745 - 31,232	6	8
Big Sandy/Bald Bar	306.7 - 308.2	107,769	19,661 - 231,892	2	11
Sharpes Ferry Landing	308.2 - 308.5	20,000	10,000 - 50,000	32	2
Hull's Landing	308.5 - 310.0	37,796	17,453 - 72,039	2	7
Dillard's Duck Bar	310.6 - 311.4	29,407	17,103 - 39,874	6	4
Kings Mountain Bar	311.4 - 311.7	22,163	22,163 - 22,163	32	5
Little Sandy Creek	311.7 - 312.4	41,176	23,808 - 75,015	6	4
Little Log Shoals	312.4 - 314.2	78,816	17,829 - 192,245	2	10
Timothy Bar	314.2 - 315.1	23,879	911 - 56,458	4	8

Table 1 (cont'd)

			dredging dura	tion (in	dave)
			frequency (in year		uays
		poter	ntial range of quantity]	
	ave	rage quantity	(in cubic yards)		
	navigation mile	(in cubic	, , ,		
location		yards)			
Warrior Pool (cont')					
Eagle Shoals	315.1 - 316.2	38,354	16,185 - 60,522	16	8
Gunn Chute Bar	316.2 - 316.7	35,099	11,506 - 51,810	6	7
Nelsons Bar	316.7 - 317.3	21,564	11,078 - 29,646	6	5
21 Mile Bar	317.3 - 318.4	59,842	3,907 - 230,030	3	9
Bozeman Bar	318.4 - 318.9	58,257	6,011 - 130,455	6	12
Wagon Wheel	318.9 - 320.4	21,743	8,724 - 34,762	16	4
Foster's Ferry Landing	321.0 - 321.7	20,457	2,795 - 38,799	5	4
Mile 323 Bar	322.5 - 323.5	51,328	33,274 - 69,381	16	11
Mile 324 Bar	323.5 - 324.4	40,959	8,985 - 116,163	5	5
North Star Wreck	324.4 - 325.1	24,451	10,262 - 44,240	2	6
Robinson Bend	325.1 - 326.1	54,272	9,085 - 117,588	2	8
Sanders Ferry	326.1 - 326.6	10,055	8,800 - 11,310	16	4
12 Mile Rock	326.6 - 327.7	15,125	4,050 - 25,654	5	5
Lower Ophelia Bar	328.4 - 329.3	27,880	17,910 - 48,252	4	7
Upper Ophelia Bar	329.3 - 329.8	36,964	1,902 - 65,339	3	6
Snows Drift Bar	329.8 - 330.8	22,547	1,873 - 64,569	3	7
Clements Bend	330.8 - 332.0	23,388	3,961 - 57,131	3	6
Carsons Bluff	332.0 - 332.7	25,791	10,581 - 41,001	16	10
Mile 333 Bar	332.7 - 333.7	15,581	15,581 - 15,581	32	6
Blue Rock	332.7 - 333.7	15,600	10,000 - 75,000	32	4
Potato Creek Bar	333.7 - 334.2	25,193	14,156 - 36,229	16	6
Oliver Lock Lower Approach	337.7 - 337.7	20,000	10,000 - 50,000	32	2
Oliver Pool					
Oliver Lock Upper Approach	338.2 - 338.3	5,000	3,000 - 10,000	11	1
Bankhead Pool					
Franklin Ferry	380.0 - 381.7	24,500	10,000 - 50,000	32	3
Mulberry Fork					
Lynn Park (Site 1)	422.4 - 422.6	38,000	10,000 - 70,000	32	5

Table 1 (cont'd)

dredging duration (in d frequency (in years) potential range of quantity average quantity (in cubic yards)					days)
leastion	navigation mile	(in cubic			
location Mulberry Fork (con't)		yards)			
Lynn Park (Site 2)	426.7 - 427.1	19,500	10,000 - 50,000	32	2
Lynn Park (Site 3)	427.5 - 428.0	24,000	10,000 - 50,000	32	3
Lynn Park (Site 4)	428.5 - 428.7	14,500	10,000 - 50,000	32	1
Lynn Park (Site 2)	426.7 - 427.1	19,500	10,000 - 50,000	32	2

Table 2

Diked Disposal Areas
for the Black Warrior and Tombigbee Rivers

Navigation Mile	Site Designation	Descending Bank Location	County	Estimated Acreage for Disposal
73.0	А	right	Washington	70
78.2	С	left	Clarke	85
82.3	D-1	left	Clarke	74
86.0	Е	right	Washington	42
87.0	E-2	left	Clarke	50
88.5	F	right	Washington	57
89.0	G	right	Washington	3
90.8	Н	left	Clarke	47
91.5		right	Washington	55
96.0	J	left	Clarke	102
104.0	N	right	Washington	80
104.2	0-1	left	Clarke	25
104.3	0	left	Clarke	25
104.4	0-2	left	Clarke	23
104.4	Р	right	Washington	21
104.7	Q	right	Washington	24
105.0	R	left	Clarke	110
107.7	V	right	Washington	29
108.0	W	right	Washington	12
108.0	V-1	right	Washington	6
108.0	X-2	left	Clarke	36
108.3	X	right	Washington	27
108.3	X-3	left	Clarke	30
108.3	X-4	left	Clarke	42
109.0	Z	right	Washington	40
109.1	AA	left	Clarke	100
116.0	AC	right	Choctaw	112
191.1	CA-1	right	Sumpter	68
261.7	BC	right	Greene	22
279.6	BF	right	Greene	40
297.0	BA	right	Tuscaloosa	43
298.5	AD	left	Tuscaloosa	66
300.0	AE	right	Tuscaloosa	99
307.6	AF	right	Tuscaloosa	85
312.7	AG	left	Tuscaloosa	166
318.0	BG	left	Tuscaloosa	55
324.1	BE-1	right	Tuscaloosa	40
324.5	BE-2	right	Tuscaloosa	20
329.0	BD	right	Tuscaloosa	55

Table 3

Approved and Proposed Within-Banks Disposal Areas for the Black Warrior and Tombigbee Rivers

Naviantian	NA:L	Descending	Estimated
Navigation		Bank Location	Acreage
* 38.5 -	38.8	Right	2.7
* 39.2 -	39.9	Right	6.4
* 41.0 –	42.0	Left	9.0
62.1 –	62.9	Right	5.5
63.1 –	63.9	Left	7.3
64.2 –	65.0	Right	7.4
65.1 –	67.0	Left	12.4
67.3 –	67.9	Right	5.5
67.5 –	68.5	Left	9.1
68.3 –	69.5	Right	12.5
70.2 –	70.5	Right	2.2
70.8 –	72.1	Left	12.4
72.6 –	73.7	Right	9.5
* 73.7 –	74.4	Right	6.4
74.0 –	74.7	Left	7.3
74.4 –	75.3	Right	8.3
75.3 –	75.9	Left	5.5
76.2 –	76.5	Right	3.6
77.0 –	77.4	Left	5.1
77.3 –	77.7	Right	3.8
77.6 –	77.8	Left	2.0
77.9 –	78.5	Right	8.4
78.6 –	79.2	Left	5.5
79.2 –	80.4	Right	10.1
80.4 –	82.3	Left	13.4
82.1 –	82.9	Right	7.8
83.1 –	84.1	Right	9.1
84.4 –	85.3	Left	12.0
85.3 –	86.8	Right	7.2
86.7 –	87.3	Left	6.9
87.4 –	88.4	Left	9.1
88.0 –	89.1	Right	9.7
90.0 –	90.9	Right	7.7
90.2 –	91.1	Left	8.1
91.3 –	92.2	Right	8.7
93.2 –	93.6	Right	3.6
94.3 –	96.5	Left	20.1
* 96.5 –	96.7	Left	1.8
95.0 –	95.5	Right	6.0
97.0 –	97.5	Right	4.7
97.9 –	98.7	Left	7.6
* 99.9 –	99.5	Left	3.6

Table 3 (cont'd)

	Decembing	Catimated
Navigation Miles	Descending Bank Location	Estimated Acreage
99.3 – 101.1	Right	16.0
101.9 – 103.1	Left	11.3
102.4 – 102.7	Right	2.4
103.4 – 104.6	Right	14.5
104.3 – 105.8	Left	18.6
104.9 – 105.5	Right	5.5
106.0 – 106.5	Right	4.6
106.5 – 107.0	Left	5.1
107.3 – 109.3	Right	17.2
108.9 – 110.6	Left	17.7
111.3 – 112.3	Left	12.0
112.8 – 113.3	Right	6.0
113.6 – 114.4	left	7.6
114.6 – 115.0	right	6.0
115.1 – 116.1	right	9.2
116.0 – 116.5	left	21.2
116.9 – 117.1	right	1.7
* 145.0 – 145.5	right	4.5
* 160.5 - 161.5	right	9.0
* 166.2 - 166.8	right	5.5
176.5 – 176.9	right	3.3
176.8 – 177.5	left	5.9
177.2 – 178.5	right	9.7
178.3 – 179.9	left	16.2
179.0 – 181.0	right	18.2
182.5 – 183.2	right	8.0
183.5 – 184.9	right	12.7
183.5 – 185.0	left	14.3
* 185.2 – 185.8	right	5.5
185.8 - 186.7	right	8.8
187.1 – 187.4	right	3.6
187.5 - 188.3	left	8.9
187.9 – 189.2	right	10.7
188.9 - 190.0	left	12.9
190.0 - 190.6	right	7.2
190.9 – 192.6	right	16.8
190.9 - 191.6	left	6.8
192.6 - 193.3	left	9.5
194.0 - 194.3	right	3.6
194.8 – 195.1	right	3.6
195.5 - 195.9	right	4.8
196.6 - 198.4	left	19.0
199.2 - 200.8	left	17.4
201.8 - 203.3	left	15.0
203.6 – 204.0	right	4.8

Table 3 (cont'd)

	Descending	Estimated
Navigation Miles	Bank Location	Acreage
210.9 – 212.0	left	13.2
212.5 – 213.4	right	20.0
213.8 - 214.2	right	4.5
252.2 - 253.4	right	11.3
260.7 - 260.9	left	1.7
260.7 - 260.8	right	1.7
260.8 - 261.0	right	2.7
268.2 - 268.5	left	3.6
268.6 - 269.3	right	8.1
270.0 – 270.7	left	3.7
272.1 – 272.6	left	3.3
272.9 – 273.4	right	4.0
274.1 – 274.4	left	2.1
275.7 – 276.1	right	5.0
275.8 – 276.1	left	2.2
276.9 – 277.1	right	2.0
277.3 – 277.6	right	3.0
278.0 – 278.5	left	5.0
279.1 – 279.3	right	2.4
279.4 – 279.7	left	2.6
279.4 – 279.8	right	4.4
280.1 – 280.2	right (old channel)	1.0
280.1 – 280.4	left (old channel)	2.4
281.2 – 281.4	left	2.4
281.8 – 282.0	right	1.4
281.8 - 282.3	left	3.4
282.1 - 283.0	right	5.6
283.0 - 283.4	left	3.7
290.4 – 290.7	left	1.7
290.7 - 290.9	right	2.4
291.1 – 291.9	left	9.6
293.0 - 293.8	right	10.5
293.7 - 294.2	left	4.8
294.2 - 294.5	right	2.4
294.5 - 294.7	left	1.5
294.8 - 295.0	right	2.8
295.0 – 295.2 205.5 206.1	left	2.1
295.5 - 296.1 296.3 - 296.7	right	5.0
296.3 – 296.7 296.7 – 297.5	left right	2.2 8.3
297.6 - 299.0	left	13.8
297.6 - 298.6	right	9.0
298.9 - 300.6	right	15.8
300.4 - 302.1	left	13.3
302.1 - 302.7		5.1
302.1 - 302.7	right	J. I

Table 3 (cont'd)

	Descending	Estimated
Navigation Miles	Bank Location	Acreage
303.3 - 304.4	right	9.3
303.7 - 304.0	left	3.1
304.4 - 305.0	left	7.7
305.1 - 305.6	right	4.2
305.6 - 306.7	left	9.4
306.7 - 307.7	right	10.5
307.6 - 308.4	left	8.4
307.8 - 308.3	right	5.9
308.5 - 308.7	right	2.8
308.5 - 309.1	left	5.3
308.9 – 310.1	right	14.0
310.7 – 310.8	right	1.7
310.6 – 311.0	left	4.4
311.3 – 312.3	right	8.6
312.4 – 314.5	left	19.2
314.5 – 314.7	right	2.8
314.7 – 315.3	left	6.3
315.3 – 315.9	right	4.1
316.0 – 317.0	right	8.3
317.5 – 318.3	left	8.3
318.3 – 319.1	right	7.6
319.4 – 319.7	left	3.6
320.4 – 321.4	left	10.6
321.1 – 321.4	right	3.1
321.6 – 332.1	left	5.5
322.3 – 322.6	right	3.3
322.5 – 323.3	left	6.4
323.9 – 324.8	right	14.0
323.5 – 323.9	left	3.1
324.7 – 324.9	left	1.8
325.0 – 325.6	left	4.8
325.4 – 326.5	right	12.0
326.6 – 327.5	left	7.6
327.3 – 328.1	right	7.2
328.2 – 328.6	left	3.3
328.6 - 328.8	right	2.5
328.8 - 383.9	left	2.6
329.1 - 329.4	right	3.5
* 329.4 - 329.7	right	2.1
329.4 - 329.7	left	2.1
330.0 - 330.4	right	4.2
330.5 - 331.2	left	6.4
331.2 – 332.6	right	12.7
331.9 – 332.2	left	2.4

Table 3 (cont'd)

Navigation Miles	Descending Bank Location	Estimated Acreage
332.8 – 333.1	right	3.6
333.2 - 334.0	left	6.6
333.8 – 334.2	right	2.8
334.3 – 334.9	right	3.6
334.6 – 334.7	left	2.0
335.0 – 335.8	right	10.8
335.9 – 336.3	left	4.8
337.1 – 338.2	right	11.5
366.0 - 366.4	center	27.0

^{*} Proposed within-banks disposal areas.

Table 4
Small Boat Access Channels
of the Black Warrior and Tombigbee Waterway

					Estimated Quantity	
Navigation	n				,	
Miles	Location Descer				of Dredged Material (in cubic yards)	
	Bank			Type of Dis		Existing
		Area	Name or Area Type	Dredged	Material	WQC
			Mobile Ri			
41.1	right	Mt. Veri	non Landing	Within-Banks	1150	No
	ı		Tombigbee			
99.9	left	Lock 1 I		Within-Banks	300	Yes
108.5	left	Satilpa		Within-Banks	300	Yes
110.0	right	Sinta Bo	<u> </u>	Within-Banks	200	Yes
113.9	right	, ,	ah Creek	Within-Banks	250	Yes
115.4	left		sh Creek	Within-Banks	300	Yes
117.5	right		PUA* Ramp	Within-Banks	575	Yes
118.3	right		round Slough	Within-Banks	400	Yes
119.0	right		Springs Landing	Open-Water Within-Banks	200	Yes
119.2	right	Slough			100	Yes
119.6 120.7	right	Slough		Within-Banks Within-Banks	300 200	Yes Yes
120.7	right		oa Creek	Within-Banks	200	Yes
123.2	right	Chocta		Willin-Danks	200	1 65
124.4	right		s Landing)	Within-Banks	675	Yes
125.1	left		end PUA*	Within-Banks	175	Yes
125.3	left		House Slough	Within-Banks	400	Yes
120.0	icit		anding PUA*	Within Danks	400	103
125.8	right		ampa Creek)	Within-Banks	735	Yes
126.1	right		k Slough	Within-Banks	600	Yes
126.3	right		Bar Slough	Within-Banks	300	Yes
127.2	left		Landing Slough	Within-Banks	100	Yes
127.9	left	Slough		Within-Banks	300	Yes
128.4	left	Slough		Within-Banks	350	Yes
128.5	right	Slough		Within-Banks	300	Yes
130.1	right	Salt and	d Copper Creeks	Within-Banks	50	Yes
130.5	right	Two Slo		Within-Banks	400	Yes
131.0	left	Cowans	s Gin	Within-Banks	350	Yes
131.4	right	Slough		Within-Banks	300	Yes
134.9	left	Slough		Within-Banks	250	Yes
136.5	left	_	Bluff PUA*	Within-Banks	50	Yes
141.2	right		y's Ferry PUA*	Within-Banks	1000	Yes
		Emery (
142.3	right		Spring Branch)	Within-Banks	300	Yes
145.0	left	Bashi C	reek PUA*	Within-Banks	250	Yes
	1		Tombigbee Rive			
147.2	left		ny Creek	Within-Banks	150	Yes
153.3	right		k Creek	Within-Banks	300	Yes
156.3	right		oma Landing	Within-Banks	400	Yes
157.9	right		owa Creek	Within-Banks	300	Yes
160.6	left	Horse C	Creek	Within-Banks	300	Yes

					Estimated	Quantity	
Navigation							
Miles	Locatio				of Dredged		
	Descen	aing		Type of Die	(in cubic	c yards)	Cylotina
	Bank	Aron N	omo or Aroo Typo	Type of Dis Dredged	•		Existing WQC
105.4	المامة الم		ame or Area Type		Materiai	200	
165.1 165.7	right	Ezell Land	ling	Within-Banks Within-Banks		200 350	Yes Yes
165.7	right	Slough Tuckabum	Crook	Within-Banks		400	Yes
	right	Lock 2 PU					Yes
168.6 170.4	right left	Beaver Cr		Within-Banks Within-Banks		200 200	Yes
						200	Yes
173.7	right	Kemps La	naing	Within-Banks			
174.3	right	Slough		Within-Banks		350	Yes
175.5	left	Slough		Within-Banks		400	Yes
175.6	left	Slough	0 1	Within-Banks		300	Yes
175.9	right	Kinterbish		Within-banks		250	Yes
186.0	left	Lost Creel		Within-Banks		400	Yes
187.4	left	Chickasav		Within-Banks		6600	Yes
190.8	right	Old Lock #		Open-Water		200	Yes
190.8	left		ek, Old Lock #3	Within-Banks		900	Yes
193.9	right	Cotohaga		Within-Banks		300	Yes
200.6	right		chee River	Within-Banks		800	Yes
207.5	left	Mill Creek		Within-Banks		200	Yes
210.0	right	Halls Cree		Within-Banks		300	Yes
213.7	right	Dam Warr	ning Sign Slough	Within-Banks		500	Yes
213.9	right	Slough - V		Within-Banks		2500	No
214.1	left	Foscue Cr		On Bank		675	Yes
214.2	left	Foscue Cr	eek PUA*	On Bank		1400	No
215.0	left	Grain Elev	ator Slough	Within-Banks		750	No
		Short Cree	ek				
215.2	left	(Whitfield	Canal)	Within-Banks		340	Yes
216.1	left		City Landing	Within-Banks		3000	Yes
216.6	left	Lock 4 PU	A* Ramp	Within-Banks		1300	Yes
216.8	left	Culpepper	rs Slough	Within-Banks		625	Yes
			Black Warrior F	River			
217.7	right	Daub's Sw	vamp	Within-Banks		400	Yes
218.1	left	Slough		Within-Banks		600	Yes
218.5	right		Branch PUA*	Within-Banks		780	Yes
218.7	right		ugh (Watson #1)	Within-Banks		775	Yes
218.9	right		ugh (Watson #2)	Within-Banks		825	Yes
219.1	right	Kelly's Slo		On Bank		1150	Yes
219.4	left	Slough	~·g··	Within-Banks		800	Yes
2.5.1		Cicagii	Black Warrior River			000	100
210 5	lof+	Clauab	DIGOR HAITIOI INVE			200	V
219.5	left	Slough		Within-Banks		300	Yes
219.8	left	Slough	Claugh	Within-Banks		800	Yes
220.1	right	Dead Lake		Within-Banks		400	Yes
220.3	right	Devil's Ru	II	Within-Banks		700	No
220.6	right	Slough	ale =	Within-Banks		800	No
220.8	right	Two Sloug	ıns	Within-Banks		280	Yes
221.0	left	Slough		Within-Banks		200	Yes
221.4	right	Slough		Within-Banks		400	Yes

				Estimated Qua	ntity	
Navigatio	n					
Miles	Locatio	n of		of Dredged Mat	erial	
	Descen	ding		(in cubic yard	ds)	
	Bank		Type of Dis	sposal for	Exist	ting
		Area Name or Area Type	Dredged	Material	WC	2C
221.5	left	Slough	Within-Banks	2	200 Y	'es
221.6	left	Slough	Within-Banks	2	200 Y	'es
222.2	left	Slough	Within-Banks	2	200 Y	'es
222.8	left	French Creek	Within-Banks	13	300 Y	'es
223.1	right	Slough	Within-Banks	4	100 Y	'es
223.4	left	Slough	Within-Banks	3	300 Y	'es
224.4	left	Slough below Taylor's Bar	Within-Banks	2	250 Y	'es
224.9	left	Powerline Slough	Within-Banks	33	300 Y	'es
225.5	right	Backbone Slough	Within-Banks	8	300 Y	'es
225.6	right	Backbone Creek PUA*	Within-Banks	55	500 Y	'es
225.8	right	Haint Hole (Corps)	Within-Banks	24	150 Y	'es
226.0	right	Bottleneck Slough	Within-Banks	15	525 Y	'es
226.3	left	Yellow Creek (Arcola*)	Within-Banks	43	325 Y	'es
227.1	left	Slough	Within-Banks	6	600 Y	'es
227.3	left	Slough	Open-Water	21	70 Y	'es
228.1	right	Slough	Within-Banks	3	300 Y	'es
228.6	left	Slough	Within-Banks	12	200 Y	'es
228.8	right	Slough	Within-Banks	4	100 Y	'es
229.0	right	Johnson Branch	Within-Banks	42	250 Y	'es
229.3	right	Willow Creek Slough	Within-Banks	35	660 Y	'es
230.7	left	Lime Kiln Creek	Within-Banks	8	800 Y	'es
231.1	left	Big Prairie Creek	Within-Banks	14	150 Y	'es
231.7	right	Outlaw Creek Slough	Within-Banks	15		'es
231.8	right	Slough	Within-Banks	4		'es
232.0	left	Lock 5 PUA*	Within-Banks			'es
232.5	left	Candy Landing	Within-Banks			'es
232.6	left	Jacks Branch	Within-Banks	18	800 Y	'es
233.3	left	Buzzard's Roost Slough	Within-Banks			'es
233.7	left	Drakes Landing	Within-Banks	3		'es
233.8	left	Camp House Slough	Within-Banks			'es
234.4	left	Old Tindell's Ferry	Within-Banks			'es
234.8	left	Slough	Within-Banks			'es
235.0	left	Slough	Within-Banks	5	525 Y	'es
		Black Warrior Rive	er (cont'd)			
235.2	left	Sycamore Slough (Area 19)	Within-Banks	17	'90 Y	'es
235.5	left	Twin Oaks Slough	Within-Banks	10)45 Y	'es
236.0	left	Slough	Within-Banks	4	100 Y	'es
236.5	left	Slough	Within-Banks	4	100 Y	'es
237.6	left	Slough	Within-Banks	4	100 Y	'es
237.8	left	Slough	Within-Banks	g	95 Y	'es
238.4	left	Slough	Within-Banks	4	100 Y	'es
239.2	right	McIntyres Shoal Slough	Within-Banks	13	315 Y	'es
240.7	right	Clemens Slough (Area 18)	Open-Water	16	635 Y	'es
242.4	right	Slough	Within-Banks	6	665 Y	'es
242.6	right	Slough	Within-Banks	3	800 Y	'es

					Estimated	Quantity	
Navigatio	n				Lotimated	quantity	
Miles	Locatio	n of			of Dredged	d Material	
	Descen				(in cubic		
	Bank			Type of Dis			Existing
		Area Nar	ne or Area Type	Dredged			wqc
242.7	right	Slough		Within-Banks		300	Yes
244.1	left	Limestone C	Creek	Within-Banks		445	Yes
245.7	left	Slough		Within-Banks		100	Yes
248.4	right	Hines Mill C		Within-Banks		3215	Yes
249.2	right	Needham C	reek	Within-Banks		3965	Yes
250.2	left	Slough		Within-Banks		300	Yes
251.0	left	Hines Creek		Within-Banks		250	Yes
252.3	left	Lock 6 PUA	* Ramp	Within-Banks		400	Yes
252.4	left	Slough		Within-Banks		200	Yes
253.0	left	Slough		Within-Banks		2955	Yes
255.4	right	Dollarhide C	reek	Within-Banks		400	Yes
256.4	right	Slough		Within-Banks		400	Yes
256.7	right	Slough		Within-Banks		300	Yes
257.3	right	Slough		Open-Water/With		300	Yes
257.8	left	Wright's Cre	ek	Open-Water/With	nin-Banks	300	Yes
259.0	left	Presley Ford	d Branch	Open-Water/With	nin-Banks	300	Yes
Cutoff	right	(Selden) Da	msite PUA*	Within-Banks/On	Bank	2400	No
262.1	right	Lock 7 West	PUA* Ramp	Within-Banks		485	Yes
262.6	left	Lock 7 East	* (Bee Branch)	Within-Banks		600	Yes
262.7	right	Slough	,	Open-Water		1150	Yes
		Clear Creek					
263.9	left	(Jennings Fo	erry PUA*)	On Bank		2600	Yes
264.6	left	Slough		Open-Water		400	Yes
265.0	right	Grinnel Pon	d Slough	Within-Banks		200	Yes
265.6	left	Slough		Open-Water/With	nin-Banks	300	Yes
266.1	right	Slough		Open-Water/With	nin-Banks	300	Yes
266.4	left	Big Brush C	reek	Within-Banks		400	Yes
266.9	left	Slough		Open-Water/With	nin-Banks	300	Yes
267.3	left	Slough		Open-Water/With	nin-Banks	300	Yes
267.7	right	Finches Fer	ry PUA*	Within-Banks		810	Yes
			Black Warrior Rive	r (cont'd)			
268.2	right	Slough		Open-Water		300	Yes
269.0	left	Slough		Open-Water/With	nin-Banks	760	Yes
269.4	left	Slough		Open-Water/With		325	Yes
269.5	right	Minters Cree	ek	Within-Banks		400	Yes
270.7	right	Whites Cree		Open-Water		720	Yes
274.3	right	Merriweathe		Open-Water		20	Yes
274.7	right	Z. Logan La		Open-Water/With	nin-Banks	450	Yes
275.6	left	Little Cypres		Open-Water/With		400	Yes
275.9	right	Slough	<u> </u>	Within-Banks		1225	Yes
276.2	right	Z Logan Bai	•	Open-Water/With	nin-Banks	300	Yes
276.6	left	Reedy Bran		Open-Water/With		875	Yes
		,	O		Daring		
277.1	right	Slough		Within-Banks	nin Donks	200	Yes
277.2	left	Yellow Bluff		Open-Water/With	iii-banks	300	Yes
277.9	left	Lock 8 PUA	* Kamp	On Bank		1600	Yes

				Estimated	I Quantity	
Navigatio Miles	Locatio			of Dredged		
	Descen	ding			c yards)	
	Bank		Type of Dis	•		Existing
		Area Name or Area Type	Dredged			WQC
277.9	left	Slough	Open-Water/With		400	Yes
278.8	left	Slough	Open-Water/With	nin-Banks	400	Yes
279.2	left	Five Mile Creek	Open-Water		1400	Yes
279.4	left	Slough	Within-Banks		1500	No
279.9	left	Martin Slough (lower)	Open-Water		2400	Yes
280.1	left	Martin Slough (upper)	Within-Banks		1925	No
282.0	right	Spencers Mill Creek	Open-Water/With	nin-Banks	900	Yes
282.8	left	Slough	Open-Water		400	Yes
283.4	right	Sims Creek	Open-Water/With	nin-Banks	300	Yes
283.8	left	Bohannon's Cut-Off	Open-Water		1100	Yes
284.1	right	Big Cypress Slough	Within-Banks		350	Yes
286.2	left	Gabriel's Creek	Open-Water		100	Yes
290.1	right	Buck Creek	Open-Water/With		300	Yes
291.0	left	King's Cut-Off	Open-Water/With		450	Yes
293.0	left	Elliotts Creek	Open-Water/With		400	Yes
295.2	right	Williford's Landing	Open-Water/With	nin-Banks	500	Yes
295.6	left	Slough	Within-Banks		400	Yes
296.7	right	Grant Creek	Open-Water/With		500	Yes
307.2	left	Big Sandy Creek	Open-Water/With		400	Yes
311.6	left	Cunningham Branch	Open-Water/With		300	Yes
312.0	left	Little Sandy Creek	Open-Water/With	nin-Banks	300	Yes
312.4	left	Big Creek	Open-Water		400	Yes
322.2	right	Slough	Open-Water/With	nin-Banks	400	Yes
326.6	right	Sanders Mill Creek	Within-Banks		300	Yes
333.5	right	Big Creek	Open-Water/With	nin-Banks	350	Yes
334.5	right	Potato Creek	Open-Water		350	Yes
334.9	right	Tater Hill Creek	Within-Banks		300	Yes
		Black Warrior Rive	r (cont'd)			
337.4	right	Mill Creek PUA* Ramp	Within-Banks		500	No
339.4	right	Snows Creek	Open-Water		300	Yes
343.7	right	North River	Open-Water		200	Yes
346.3	left	Hurricane Creek	Within-Banks		300	Yes
346.9	right	Yellow Creek	Within-Banks		300	Yes
347.1	right	Jim Mack Branch	Within-Banks		200	Yes
347.2	left	Holt Lock & Dam	Within-Banks		200	Yes
347.3	left	Marina Slough	Open-Water		200	Yes
347.5	right	Deerlick Creek	Open-Water		200	Yes
348.0	left	Rock Quarry Ramp*	Within-Banks		300	Yes
348.3	left	Eagle Cove Marina	Within-Banks		200	Yes
348.5	left	Slough	Within-Banks		200	Yes
348.9	left	Slough	Within-Banks		200	Yes
348.9	right	Deerlick Boat Ramp*	Within-Banks		200	Yes
349.1	right	Slough	Within-Banks		200	Yes
349.4	left	Rocky Branch	Open-Water		200	Yes
349.5	left	Rocky Branch Boat ramp*	Open-Water/With	nin-Banks	300	Yes

				Estimated	Quantity	
Navigatio						
Miles	Locatio			of Dredged		
	Descen	ding		(in cubic	yards)	
	Bank		Type of Dis	•		Existing
		Area Name or Area Type	Dredged	Material		WQC
350.0	right	Slough	Open-Water		200	Yes
350.4	right	Slough	Open-Water		200	Yes
350.8	right	Mitchell Neely Slough	Open-Water		200	Yes
351.0	left	Old Lock #14	Open-Water/With		200	Yes
352.0	left	Brush Creek	Open-Water/With	nin-Banks	400	Yes
352.4	right	Slough	Open-Water		200	Yes
353.0	right	Slough	Open-Water		200	Yes
353.4	left	Daniel Creek	Open-Water/With		400	Yes
354.0	left	Bluff Creek	Open-Water/With	nin-Banks	400	Yes
354.0	right	Slough	Open-Water		200	Yes
354.5	right	Laurel Branch	Open-Water/With	nin-Banks	300	Yes
355.0	right	Slough	Open-Water		200	Yes
356.0	left	Slough	Open-Water		200	Yes
356.0	right	Slough	Open-Water		200	Yes
356.3	left	Pegues Creek	Open-Water/With	nin-Banks	400	Yes
356.6	right	Slough	Open-Water		200	Yes
357.5	right	Lock 15 PUA*	Open-Water		300	Yes
358.0	left	Slough	Open-Water		200	Yes
359.1	right	Harolds Lake	Open-Water/With	nin-Banks	300	Yes
359.3	right	Allgood Branch Slough	Open-Water		200	Yes
360.2	right	Panther Branch Slough	Open-Water		200	Yes
361.5	left	Davis Creek	Open-Water		200	Yes
363.6	right	Blue Creek Boat Ramp*	Open-Water		200	Yes
363.8	left	Burchfield Branch PUA*	Open-Water/With	nin-Banks	400	Yes
		Black Warrior Rive	er (cont'd)			
366.0	right	Watson Branch	Open-Water		200	Yes
366.3	right	Slough	Open-Water		200	Yes
366.8	right	Slough	Open-Water		200	Yes
367.0	right	Slough	Open-Water		200	Yes
367.0	left	Slough	Open-Water		200	Yes
367.5	right	Yellow Creek	Open-Water		200	Yes
367.5	left	Slough	Open-Water/With	nin-Banks	200	Yes
368.0	left	Dunn's Camp Boat Ramp	Open-Water		200	Yes
368.3	left	King's Camp Boat Ramp	Open-Water		200	Yes
368.4	right	The Suck	Open-Water		200	Yes
369.0	right	Steep Creek	Open Water		200	Yes
369.7	left	Slough	Open-Water/With		300	Yes
369.9	right	Slough	Open-Water/With		200	Yes
370.0	left	Slough	Open-Water/With	nin-Banks	200	Yes
370.2	left	Double Branch	Open-Water		200	Yes
370.3	right	Slough	Open-Water		200	Yes
370.6	left	Willow Stump Branch	Open-Water		200	Yes
370.7	right	Slough	Open-Water		200	Yes
371.0	left	Gwin's Slough	Open-Water		500	No
371.2	left	Lighthouse Slough	Open-Water		200	Yes

					Estimated	Quantity	
Navigation			1				
Miles	Locatio				of Dredged		
	Descen	aing		Type of Die	(in cubic	c yards)	Evicting
	Bank	Aroa	Name or Area Type	Type of Dis Dredged	•		Existing WQC
272.0	left				Material	200	
372.0 372.4	left	Slough	al Creek	Open-Water Open-Water		200	Yes Yes
373.6	right	Camp C	rook	Open-Water		200	Yes
374.0	right	Slough	reek	Open-Water		200	Yes
374.8	left	Cold Br	anch	Open-Water		200	Yes
374.8	left		noal Creek	Open-Water		300	Yes
375.1	left			Open-Water		500	No
		Smith C	•				
377.6 378.0	right		Oak Creek Co. Shoal Creek	Open-Water Open-Water		200 200	Yes Yes
378.2	right		Co. Shoal Creek	Open-Water		200	Yes
	right left	Slough	Landina	•			
378.3 379.0			Landing	Open-Water		200 300	Yes Yes
379.0	right left	Slough	ne Creek	Open-Water			
380.5				Open-Water Open-Water		300 200	Yes
	right		Ferry Marina				Yes
381.1	left		Oliver (lower)	Open-Water		1575	No
381.3	left		Oliver (middle)	Open-Water		2825	No
381.5	left		Dliver (upper)	Open-Water		1700	No
381.5	right	Short C	геек	Open-Water	'- DI-	300	Yes
382.0	right	Slough		Open-Water/With	nin-Banks	300	Yes
382.1	left	Valley C		Within-Banks		300	Yes
382.3	right	Friley C		Within-Banks		300	Yes
		T a	Black Warrior River	, ' '			
383.5	left	Slough		Open-Water		200	Yes
383.8	left	Taylors	·	Within-Banks		300	Yes
			Mulberry For				
386.3	right	Slough		Within-Banks		400	Yes
386.5	right	Slough		Open-Water		200	Yes
387.2	right		ranch Slough	Open-Water/With	nin-Banks	400	Yes
387.9	left	Slough		Open-Water		200	Yes
388.5	left	Bluff Cr	eek	Open-Water/With	nin-Banks	300	Yes
389.1	left	Slough		Open-Water		200	Yes
389.2	left	Slough		Open-Water		200	Yes
389.5	right	Slough		Open-Water		200	Yes
389.6	left	Slough		Open-Water		200	Yes
390.0	left	Slough		Open-Water		200	Yes
390.1	right	Slough		Open-Water		200	Yes
390.7	left	Miller S		Open-Water/With		300	Yes
390.9	right	Kisner S	Slough	Open-Water/With		300	Yes
391.5	left	Slough		Open-Water/With	nin-Banks	300	Yes
391.9	right	Richard	son Slough	Open-Water		200	Yes
392.2	left.	Slough		Open-Water		200	Yes
392.4	right	Lost Cre	eek	Open-Water/With	nin-Banks	300	Yes
392.8	left	Slough		Open-Water/With	nin-Banks	300	Yes
393.7	right	Slough		Open-Water		200	Yes
393.8	right	Slough		Open-Water/With	nin-Banks	300	Yes

				Estimated	Quantity	
Navigatio					-	
Miles	Location			of Dredged		
	Descen	ding		(in cubic	c yards)	
	Bank		Type of Dis	•		Existing
		Area Name or Area Type	Dredged	Material		WQC
394.3	left	Slough	Open-Water		200	Yes
394.6	left	Slough	Open-Water		200	Yes
395.7	left	Slough	Open-Water/With		300	Yes
395.9	left	Slough	Open-Water/With	nin-Banks	300	Yes
396.3	left	Slough	Open-Water		300	Yes
396.8	left	Slough	Open-Water		300	Yes
397.1	right	Slough	Within-Banks		300	Yes
397.3	left	Payne's Bend Slough	Open-Water/With	nin-Banks	300	Yes
397.4	right	Slough	Open-Water		200	Yes
399.3	left	Rattlesnake Creek	Open-Water/With	nin-Banks	400	Yes
399.5	left	Slough	Within-Banks		300	Yes
400.0	right	Slough	Open-Water		200	Yes
400.1	left	Slough	Open-Water		200	Yes
400.7	left	Slough	Open-Water		200	Yes
401.4	right	Slough	Open-Water/With		300	Yes
402.3	right	Mosquito Creek	Open-Water/With		400	Yes
402.8	right	Slough	Open-Water/With	nin-Banks	300	Yes
402.9	left	Slough	Within-Banks		300	Yes
		Mulberry Fork (d	ont'd)			
403.0	right	Slough	Open-Water/With	nin-Banks	300	Yes
403.5	left	Slough	Open-Water		200	Yes
403.7	right	Slough	Open-Water		300	Yes
403.7	left	Riverlawn Slough (lower)	Open-Water		500	No
404.1	left	Riverlawn Slough (upper)	Open-Water		500	No
404.1	right	Slough	Open-Water		200	Yes
406.1	left	Slough	Within-Banks		300	Yes
406.7	left	Slough	Open-Water/With	nin-Banks	300	Yes
407.1	left	Burnt Cane Creek	Open-Water/With	nin-Banks	300	Yes
407.8	right	Slough	Open-Water/With	nin-Banks	300	Yes
407.8	left	Slough	Open-Water		200	Yes
408.5	right	Slough	Open-Water/With	nin-Banks	300	Yes
409.1	left	Slough	Within-Banks		300	Yes
409.1	right	Slough	Open-Water		200	Yes
410.0	right	Barton Creek	Open-Water/With		300	Yes
411.2	left	Horse Creek	Open-Water/With		300	Yes
413.1	right	Slough	Open-Water/With		350	Yes
413.2	right	Slough	Open-Water/With		300	Yes
416.0	right	Slough	Open-Wat.r/With		300	Yes
416.0	right	Frog Ague Creek	Open-Water/With	nin-Banks	300	Yes
416.3	right	Cane Creek	Open-Water		300	Yes
418.9	left	Slough	Open-Water/thin		300	Yes
419.1	left	Slough	Open-Water/With		300	Yes
419.3	left	Slough	Open-Water/With		300	Yes
419.6	left	Slough	Open-Water/With	nin-Banks	300	Yes
422.4	right	Blackwater Creek	Open-Water		200	Yes

N					Estimated	Quantity	
Navigatio Miles	n Locatio	n of]		of Dredge	d Material	
Willes	Descen				(in cubic		
	Bank	J		Type of Dis			Existing
		Area	Name or Area Type	Dredged	Material		WQC
			Locust For	k			
385.4	left		's Camp	Open-Water		1500	No
385.8	right	Prescot	t Creek	Within-Banks		300	Yes
386.1	right	Slough		Within-Banks		300	Yes
386.4	left	Slough		Within-Banks	· D ·	300	Yes
387.0	left	Gutter E		Open-Water/With		300	Yes
387.4	left	Glaze C	геек	Open-Water/With Within-Banks	nin-Banks	300	Yes
388.3 388.7	right left	Slough Boat Ra	ımn	Within-Banks		300 300	Yes Yes
388.8	left	Slough	imp	Open-Water		200	Yes
388.9	left	Boat Ra	amn	Open-Water		200	Yes
389.6	right	Slough	anp	Open-Water/With	nin-Banks	300	Yes
390.3	left	Slough		Open-Water		200	Yes
391.6	right	Slough		Open-Water		200	Yes
391.8	left	Slough		Open-Water		200	Yes
			Locust Fork (co	ont'd)			
392.0	left	Slough		Open-Water/With	nin-Banks	300	Yes
393.5	left	Slough		Open-Water		200	Yes
393.8	right	Slough		Open-Water		200	Yes
393.9	left	Slough		Open-Water/With	nin-Banks	300	Yes
394.5	right	Slough		Open-Water		200	Yes
394.5	left	Boat Ra	amp	Open-Water		200	Yes
395.1	left	Boat Ra	amp	Open-Water		200	Yes
395.8	left	Black C	reek	Open-Water/With	nin-Banks	300	Yes
401.4	right	Slough		Open-Water		200	Yes
401.5	left	Slough		Open-Water		200	Yes
401.9	left	Slough		Open-Water/With	nin-Banks	300	Yes
402.1	left	Slough		Open-Water		200	Yes
402.8	left	Slough		Open-Water		200	Yes
402.9	left	Slough		Open-Water		200	Yes
403.1	left	Slough		Open-Water		200	Yes
403.6	left	Slough		Open-Water		200	Yes
405.4	left	Village	Creek	Open-Water		200	Yes
			Tombigbee River - Der	mopolis Pool			
219.1	right		t PUA * Slough	On Bank		1000	Yes
219.4	right		ake Slough	On Bank		800	Yes
220.9	left	Miller's	Slough	Within-Banks		1200	Yes
221.1	left	Slough		Within-Banks		300	Yes
221.8	left	Slough	alta	Within-Banks		300	Yes
222.7 226.8***	right right	Taylor L Slough	ake	Within-Banks Within-Banks		1000 350	Yes Yes

				Estimated Quantity	1
Navigation	ı			•	
Miles	Locatio	n of		of Dredged Materia	I
	Descen	ding		(in cubic yards)	
	Bank		Type of Dis	posal for	Existing
		Area Name or Area Type	Dredged	Material	WQC
227.2***	right	The Ravine-lower	Within-Banks	300	Yes
227.5***	left	Slough	Within-Banks	325	Yes
228.8***	right	Slough	Within-Banks	250	Yes
229.0***	right	Slough	Within-Banks	300	Yes
231.1***	left	Burdine Creek	Within-Banks	800	Yes
231.5***	left	Birdeye PUA *	Open-Water	400	Yes
232.2***	left	Slough	Within-Banks	350	Yes
233.7***	left	Slough	Within-Banks	300	Yes
		McConnico Creek			
234.3***	left	(Forkland PUA*)	On Bank	300	Yes
234.5***	right	The Ravine-upper	Within-Banks	300	Yes
227.2	left	Parker's Camp Slough	Within-Banks	200	Yes
227.3	right	Slough	Within-Banks	200	Yes
227.4	left	Acorn Creek	Within-Banks	1150	Yes
227.9	right	Slough	Within-Banks	800	Yes
		Tombigbee River - Dem	opolis Pool (cont'd)		
228.6	left	Slough	Within-Banks	3 00	Yes
228.9	left	Slough	Within-Banks	300	Yes
229.0	right	Trails End Slough	Within-Banks	1250	Yes
229.7	right	Slough	Within-Banks	350	Yes
230.6	right	Hayes Creek	Within-Banks	850	Yes
231.0	left	Slough	Within-Banks	200	Yes
231.4	left	Slough	Within-Banks	275	Yes
231.6	right	High Run Creek	Within-Banks	550	Yes
231.8	left	Slough	Within-Banks	300	Yes
232.1	left	Slough	Within-Banks	300	Yes
232.5	right	Slough	Within-Banks	400	Yes
232.6	right	Slough	Within-Banks	350	Yes
232.8	right	Slough	Within-Banks	400	Yes
232.9	left	Cobbs Creek	Within-Banks	2000	Yes
235.0	right	Slough	Within-Banks	400	Yes
235.1	right	Slough	Within-Banks	300	Yes
237.1	right	Slough	Within-Banks	300	Yes
237.2	right	Slough	Within-Banks	300	Yes
237.6	right	Slough	Within-Banks	300	Yes
238.0	left	Slough	Within-Banks	300	Yes
238.5	right	Slough	Within-Banks	300	Yes
239.7	left	Smith Branch	Within-Banks	300	Yes
240.7	right	Slough	Within-Banks	250	Yes
241.1	left	Slough	Within-Banks	400	Yes
241.5	right	Slough	Within-Banks	300	Yes
241.8	right	Luke's Landing Slough	Within-Banks	300	Yes
243.2	left	Taylor Creek	Within-Banks	800	Yes
243.3	left	Shed Branch	Within-Banks	300	Yes
243.6	left	Gum Pond Slough	Within-Banks	300	Yes
244.4	left	Boligee Creek	Within-Banks	800	Yes

Navigation				Estimated	•		
Miles	Locatio Descen				of Dredged (in cubic		
	Bank	Area	Name or Area Type	Type of Dis			Existing WQC
246.7	left	Camp S	pring Branch	Within-Banks		300	Yes
247.0	right	Slough		Within-Banks		350	Yes
247.7	right	Epes La	inding Slough	Within-Banks		400	Yes
248.9	right	Factory	& Jones Creeks	Within-Banks		200	Yes
251.7	left	Boligee	Landing	Within-Banks		400	Yes
259.8	left	Brush C	reek	Within-Banks		300	Yes
261.1	left	Trussell	s Creek	Within-Banks		300	Yes

- * Indicates a public use area (PUA) and/or boat ramp operated by the Corps of Engineers
- ** Navigation miles from 217.0 (confluence of the Black Warrior and Tombigbee Rivers) north on the Tombigbee River have been established on conjunction with the development of the Tennessee-Tombigbee Waterway
- *** These sites are within Rattlesnake Bend which is not in the navigation channel. Therefore, the mileages are river miles rather than navigation miles in the Tombigbee River arm of the Demopolis Pool.