Calendar No. 72

106TH CONGRESS S. 507 IST SESSION S. 507 [Report No. 106-34]

A BILL

To provide for the conservation and development of water and related resources, to authorize the Sec-retary of the Army to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

March 23, 1999

Reported with an amendment

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106TH CONGRESS 1ST SESSION

S. 507

[Report No. 106-34]

To provide for the conservation and development of water and related resources, to authorize the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MARCH 2, 1999

Mr. WARNER (for himself, Mr. CHAFEE, Mr. BAUCUS, Mr. VOINOVICH, Mr. LAUTENBERG, Mr. BENNETT, and Mrs. BOXER) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

March 23, 1999

Reported by Mr. CHAFEE, with an amendment

[Strike out all after the enacting clause and insert the part printed in italic]

A BILL

To provide for the conservation and development of water and related resources, to authorize the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States, and for other purposes. 1 Be it enacted by the Senate and House of Representa-

2 tives of the United States of America in Congress assembled,

3 SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

- 4 (a) SHORT TITLE.—This Act may be eited as the
- 5 <u>"Water Resources Development Act of 1999".</u>
- 6 (b) TABLE OF CONTENTS.—The table of contents for
- 7 this Act is as follows:

Sec. 1. Short title; table of contents. Sec. 2. Definition of Secretary.

TITLE I—WATER RESOURCES PROJECTS

- See. 101. Project authorizations.
- See. 102. Project modifications.
- See. 103. Project deauthorizations.
- See. 104. Studies.

TITLE II—GENERAL PROVISIONS

- See. 201. Flood hazard mitigation and riverine ecosystem restoration program.
- See. 202. Shore protection.
- Sec. 203. Small flood control authority.
- See. 204. Use of non-Federal funds for compiling and disseminating information on floods and flood damages.
- See. 205. Everglades and south Florida ecosystem restoration.
- Sec. 206. Aquatic ecosystem restoration.
- See. 207. Beneficial uses of dredged material.
- See. 208. Voluntary contributions by States and political subdivisions.
- See. 209. Recreation user fees.
- See. 210. Water resources development studies for the Pacific region.
- See. 211. Missouri and Middle Mississippi Rivers enhancement project.
- See. 212. Outer Continental Shelf.
- See. 213. Environmental dredging.
- See. 214. Benefit of primary flood damages avoided included in benefit cost analysis.
- See. 215. Control of aquatic plant growth.
- See. 216. Environmental infrastructure.
- See. 217. Watershed management, restoration, and development.
- Sec. 218. Lakes program.
- See. 219. Sediments decontamination policy.
- See. 220. Disposal of dredged material on beaches.
- Sec. 221. Fish and wildlife mitigation.
- See. 222. Reimbursement of non-Federal interest.
- See. 223. National Contaminated Sediment Task Force.
- See. 224. Great Lakes basin program.
- See. 225. Projects for improvement of the environment.
- See. 226. Water quality, environmental quality, recreation, fish and wildlife, flood control, and navigation.

- Sec. 227. Irrigation diversion protection and fisheries enhancement assistance.
- See. 228. Small storm damage reduction projects.
- See. 229. Shore damage prevention or mitigation.

TITLE III—PROJECT-RELATED PROVISIONS

- See. 301. Dredging of salt ponds in the State of Rhode Island.
- See. 302. Upper Susquehanna River basin, Pennsylvania and New York.
- See. 303. Small flood control projects.
- See. 304. Small navigation projects.
- Sec. 305. Streambank protection projects.
- See. 306. Aquatic ecosystem restoration, Springfield, Oregon.
- Sec. 307. Guilford and New Haven, Connecticut.
- Sec. 308. Francis Bland Floodway Ditch.
- See. 309. Caloosahatehee River basin, Florida.
- See. 310. Cumberland, Maryland, flood project mitigation.
- Sec. 311. City of Miami Beach, Florida.
- See. 312. Sardis Reservoir, Oklahoma.
- Sec. 313. Upper Mississippi River and Illinois waterway system navigation modernization.
- See. 314. Upper Mississippi River management.
- See. 315. Research and development program for Columbia and Snake Rivers salmon survival.
- See. 316. Nine Mile Run habitat restoration, Pennsylvania.
- See. 317. Larkspur Ferry Channel, California.
- See. 318. Comprehensive Flood Impact-Response Modeling System.
- See. 319. Study regarding innovative financing for small and medium-sized ports.
- See. 320. Candy Lake project, Osage County, Oklahoma.
- See. 321. Salcha River and Piledriver Slough, Fairbanks, Alaska.
- Sec. 322. Eyak River, Cordova, Alaska.
- Sec. 323. North Padre Island storm damage reduction and environmental restoration project.
- Sec. 324. Kanopolis Lake, Kansas.
- See. 325. New York City watershed.
- See. 326. City of Charlevoix reimbursement, Michigan.
- See. 327. Hamilton Dam flood control project, Michigan.
- See. 328. Holes Creek flood control project, Ohio.
- See. 329. Overflow management facility, Rhode Island.

1 SEC. 2. DEFINITION OF SECRETARY.

- 2 In this Act, the term "Secretary" means the Sec-
- 3 retary of the Army.

TITLE I—WATER RESOURCES PROJECTS

3 SEC. 101. PROJECT AUTHORIZATIONS.

(a) PROJECTS WITH CHIEF'S REPORTS.—The following projects for water resources development and conservation and other purposes are authorized to be carried
out by the Secretary substantially in accordance with the
plans, and subject to the conditions, described in the respective reports designated in this section:

10 (1)SAND POINT HARBOR, ALASKA.—The 11 project for navigation, Sand Point Harbor, Alaska: 12 Report of the Chief of Engineers dated October 13, 13 1998, at a total cost of \$11,760,000, with an esti-14 mated Federal cost of \$6,964,000 and an estimated 15 non-Federal cost of \$4,796,000.

16 (2) RIO SALADO (SALT RIVER), ARIZONA. The
17 project for environmental restoration, Rio Salado
18 (Salt River), Arizona: Report of the Chief of Engi19 neers dated August 20, 1998, at a total cost of
20 \$88,048,000, with an estimated Federal cost of
21 \$56,355,000 and an estimated non-Federal cost of
22 \$31,693,000.

23 (3) TUCSON DRAINAGE AREA, ARIZONA.—The
 24 project for flood damage reduction, environmental
 25 restoration, and recreation, Tucson drainage area,

1	Arizona: Report of the Chief of Engineers dated
2	May 20, 1998, at a total cost of \$29,900,000, with
3	an estimated Federal cost of \$16,768,000 and an es-
4	timated non-Federal cost of \$13,132,000.
5	(4) American river watershed, cali-
6	FORNIA.—
7	(A) IN GENERAL.—The project for flood
8	damage reduction described as the Folsom
9	Stepped Release Plan in the Corps of Engineers
10	Supplemental Information Report for the Amer-
11	ican River Watershed Project, California, dated
12	March 1996, at a total cost of \$505,400,000,
13	with an estimated Federal cost of \$329,300,000
14	and an estimated non-Federal cost of
15	\$176,100,000.
16	(B) Implementation.
17	(i) IN GENERAL.—Implementation of
18	the measures by the Secretary pursuant to
19	subparagraph (A) shall be undertaken
20	after completion of the levee stabilization
21	and strengthening and flood warning fea-
22	tures authorized by section $101(a)(1)$ of
23	the Water Resources Development Act of
24	1996 (110 Stat. 3662).

1	(ii) Folsom dam and reservoir.—
2	The Secretary may undertake measures at
3	the Folsom Dam and Reservoir authorized
4	under subparagraph (A) only after review-
5	ing the design of such measures to deter-
6	mine if modifications are necessary to ac-
7	count for changed hydrologic conditions
8	and any other changed conditions in the
9	project area, including operational and
10	construction impacts that have occurred
11	since completion of the report referred to
12	in subparagraph (A). The Secretary shall
13	conduct the review and develop the modi-
14	fications to the Folsom Dam and Reservoir
15	with the full participation of the Secretary
16	of the Interior.
17	(iii) Remaining downstream ele-
18	MENTS.
19	(I) IN GENERAL.—Implementa-
20	tion of the remaining downstream ele-
21	ments authorized pursuant to sub-
22	paragraph (A) may be undertaken
23	only after the Secretary, in consulta-
24	tion with affected Federal, State, re-
25	gional, and local entities, has reviewed

1	the elements to determine if modifica-
2	tions are necessary to address changes
3	in the hydrologic conditions, any other
4	changed conditions in the project area
5	that have occurred since completion of
6	the report referred to in subparagraph
7	(A) and any design modifications for
8	the Folsom Dam and Reservoir made
9	by the Secretary in implementing the
10	measures referred to in clause (ii),
11	and has issued a report on the review.
12	(II) Principles and Guide-
13	LINES.—The review shall be prepared
14	in accordance with the economic and
15	environmental principles and guide-
16	lines for water and related land re-
17	sources implementation studies, and
18	no construction may be initiated un-
19	less the Secretary determines that the
20	remaining downstream elements are
21	technically sound, environmentally ac-
22	ceptable, and economically justified.
23	(5) LLAGAS CREEK, CALIFORNIA.—The project
24	for completion of the remaining reaches of the Nat-
25	ural Resources Conservation Service flood control

1 project at Llagas Creek, California, undertaken pur-2 suant to section 5 of the Watershed Protection and 3 Flood Prevention Act (16 U.S.C. 1005), substan-4 tially in accordance with the requirements of local 5 cooperation as specified in section 4 of that Act (16 6 U.S.C. 1004) at a total cost of \$45,000,000, with an 7 estimated Federal cost of \$21,800,000 and an esti-8 mated non-Federal share of \$23,200,000.

9 (6) South sacramento county streams, 10 CALIFORNIA.—The project for flood control, environ-11 mental restoration, and recreation, South Sac-12 ramento County streams, California: Report of the 13 Chief of Engineers dated October 6, 1998, at a total 14 cost of \$65,500,000, with an estimated Federal cost 15 of \$41,200,000 and an estimated non-Federal cost 16 of \$24,300,000.

17 (7) UPPER GUADALUPE RIVER, CALIFORNIA.-18 Construction of the locally preferred plan for flood 19 damage reduction and recreation, Upper Guadalupe 20 River, California, described as the Bypass Channel 21 Plan of the Chief of Engineers dated August 19, 22 1998, at a total cost of \$137,600,000, with an esti-23 mated Federal cost of \$44,000,000 and an esti-24 mated non-Federal cost of \$93,600,000.

1	(8) Yuba river basin, california.—The
2	project for flood damage reduction, Yuba River
3	Basin, California: Report of the Chief of Engineers
4	dated November 25, 1998, at a total cost of
5	\$26,600,000, with an estimated Federal cost of
6	\$17,350,000 and an estimated non-Federal cost of
7	\$9,250,000.
8	(9) Delaware bay coastline: delaware
9	AND NEW JERSEY-BROADKILL BEACH, DELAWARE.
10	(A) IN GENERAL.—The project for hurri-
11	cane and storm damage reduction and shore
12	protection, Delaware Bay coastline: Delaware
13	and New Jersey-Broadkill Beach, Delaware,
14	Report of the Chief of Engineers dated August
15	17, 1998, at a total cost of \$9,049,000, with an
16	estimated Federal cost of \$5,674,000 and an
17	estimated non-Federal cost of \$3,375,000.
18	(B) PERIODIC NOURISHMENT.—Periodic
19	nourishment is authorized for a 50-year period
20	at an estimated average annual cost of
21	\$538,200, with an estimated annual Federal
22	cost of \$349,800 and an estimated annual non-
23	Federal cost of \$188,400.
24	(10) Delaware bay coastline: delaware
25	AND NEW JERSEY-PORT MAHON, DELAWARE.

1	(A) IN GENERAL.—The project for eco-
2	system restoration and shore protection, Dela-
3	ware Bay coastline: Delaware and New Jersey-
4	Port Mahon, Delaware: Report of the Chief of
5	Engineers dated September 28, 1998, at a total
6	cost of \$7,644,000, with an estimated Federal
7	cost of \$4,969,000 and an estimated non-Fed-
8	eral cost of \$2,675,000.
9	(B) PERIODIC NOURISHMENT.—Periodic
10	nourishment is authorized for a 50-year period
11	at an estimated average annual cost of
12	\$234,000, with an estimated annual Federal
13	cost of \$152,000 and an estimated annual non-
14	Federal cost of \$82,000.
15	(11) HILLSBORO AND OKEECHOBEE AQUIFER
16	STORAGE AND RECOVERY PROJECT, FLORIDA.—The
17	project for aquifer storage and recovery described in
18	the Corps of Engineers Central and Southern Flor-
19	ida Water Supply Study, Florida, dated April 1989,
20	and in House Document 369, dated July 30, 1968,
21	at a total cost of \$27,000,000, with an estimated
22	Federal cost of \$13,500,000 and an estimated non-
23	Federal cost of \$13,500,000.
24	(12) Indian river county, florida.—Not-

25 withstanding section 1001(a) of the Water Re-

1	sources Development Act of 1986 (33 U.S.C.
2	579a(a)), the project for shoreline protection, Indian
3	River County, Florida, authorized by section 501(a)
4	of that Act (100 Stat. 4134), shall remain author-
5	ized for construction through December 31, 2002.
6	(13) Lido key beach, sarasota, florida.—
7	(A) IN GENERAL.—The project for shore
8	protection at Lido Key Beach, Sarasota, Flor-
9	ida, authorized by section 101 of the River and
10	Harbor Act of 1970 (84 Stat. 1819) and de-
11	authorized by operation of section 1001(b) of
12	the Water Resources Development Act of 1986
13	(33 U.S.C. 579a(b)), is authorized to be carried
14	out by the Secretary at a total cost of
15	$\frac{5,200,000}{5,200,000}$, with an estimated Federal cost of
16	\$3,380,000 and an estimated non-Federal cost
17	of \$1,820,000.
18	(B) PERIODIC NOURISHMENT.—Periodic
19	nourishment is authorized for a 50-year period
20	at an estimated average annual cost of
21	\$602,000, with an estimated annual Federal
22	cost of \$391,000 and an estimated annual non-
23	Federal cost of \$211,000.
24	(14) TAMPA HARBOR-BIG BEND CHANNEL,

24 (14) TAMPA HARBOR-BIG BEND CHANNEL,
25 FLORIDA.—The project for navigation, Tampa Har-

bor-Big Bend Channel, Florida: Report of the Chief
 of Engineers dated October 13, 1998, at a total cost
 of \$12,356,000, with an estimated Federal cost of
 \$6,235,000 and an estimated non-Federal cost of
 \$6,121,000.

6 (15) BRUNSWICK HARBOR, GEORGIA. The
7 project for navigation, Brunswick Harbor, Georgia:
8 Report of the Chief of Engineers dated October 6,
9 1998, at a total cost of \$50,717,000, with an esti10 mated Federal cost of \$32,966,000 and an esti11 mated non-Federal cost of \$17,751,000.

(16) BEARGRASS CREEK, KENTUCKY.—The
project for flood damage reduction, Beargrass Creek,
Kentucky: Report of the Chief of Engineers dated
May 12, 1998, at a total cost of \$11,172,000, with
an estimated Federal cost of \$7,262,000 and an estimated non-Federal cost of \$3,910,000.

18 (17) AMITE RIVER AND TRIBUTARIES, LOU19 ISIANA, EAST BATON ROUGE PARISH WATERSHED.
20 The project for flood damage reduction and recre21 ation, Amite River and Tributaries, Louisiana, East
22 Baton Rouge Parish Watershed: Report of the Chief
23 of Engineers, dated December 23, 1996, at a total
24 cost of \$112,900,000, with an estimated Federal

cost of \$73,400,000 and an estimated non-Federal
 cost of \$39,500,000.

3 (18) BALTIMORE HARBOR ANCHORAGES AND 4 CHANNELS, MARYLAND AND VIRGINIA.—The project 5 for navigation, Baltimore Harbor Anchorages and 6 Channels, Maryland and Virginia: Report of the 7 Chief of Engineers, dated June 8, 1998, at a total 8 cost of \$28,430,000, with an estimated Federal cost 9 of \$19,000,000 and an estimated non-Federal cost 10 of \$9,430,000.

(19) RED LAKE RIVER AT CROOKSTON, MINNESOTA.—The project for flood damage reduction,
Red Lake River at Crookston, Minnesota: Report of
the Chief of Engineers, dated April 20, 1998, at a
total cost of \$8,950,000, with an estimated Federal
cost of \$5,720,000 and an estimated non-Federal
cost of \$3,230,000.

18 (20) New JERSEY SHORE PROTECTION, TOWN 19 SENDS INLET TO CAPE MAY INLET, NEW JERSEY.

20 (A) IN GENERAL.—The project for hurri21 cane and storm damage reduction, ecosystem
22 restoration, and shore protection, New Jersey
23 coastline, Townsends Inlet to Cape May Inlet,
24 New Jersey: Report of the Chief of Engineers
25 dated September 28, 1998, at a total cost of

	14
1	\$56,503,000, with an estimated Federal cost of
2	\$36,727,000 and an estimated non-Federal cost
3	of $\$19,776,000$.
4	(B) PERIODIC NOURISHMENT.—Periodic
5	nourishment is authorized for a 50-year period
6	at an estimated average annual cost of
7	\$2,000,000, with an estimated annual Federal
8	cost of \$1,300,000 and an estimated annual
9	non-Federal cost of \$700,000.
10	(21) Park river, North Dakota.—
11	(A) IN GENERAL.—Subject to the condi-
12	tion stated in subparagraph (B), the project for
13	flood control, Park River, Grafton, North Da-
14	kota, authorized by section 401(a) of the Water
15	Resources Development Act of 1986 (100 Stat.
16	4121) and deauthorized under section 1001(a)
17	of the Water Resources Development Act of
18	1986 (33 U.S.C. 579a), at a total cost of
19	\$28,100,000, with an estimated Federal cost of
20	\$18,265,000 and an estimated non-Federal cost
21	of \$9,835,000.
22	(B) CONDITION.—No construction may be
23	initiated unless the Secretary determines

23 initiated unless the Secretary determines
24 through a general reevaluation report using
25 eurrent data, that the project is technically

sound, environmentally acceptable, and economically justified.

3 TEXAS.—The (22)SALT CREEK, GRAHAM, project for flood control, environmental restoration, 4 5 and recreation, Salt Creek, Graham, Texas: Report 6 of the Chief of Engineers dated October 6, 1998, at 7 a total cost of \$10,080,000, with an estimated Fed-8 eral cost of \$6,560,000 and an estimated non-Fed-9 eral cost of \$3,520,000.

10 (b) PROJECTS SUBJECT TO A FINAL REPORT.—The 11 following projects for water resources development and 12 conservation and other purposes are authorized to be earried out by the Secretary substantially in accordance with 13 the plans, and subject to the conditions recommended in 14 a final report of the Chief of Engineers as approved by 15 the Secretary, if the report of the Chief is completed not 16 17 later than December 31, 1999:

18 (1) NOME HARBOR IMPROVEMENTS, ALASKA.
19 The project for navigation, Nome Harbor Improve20 ments, Alaska, at a total cost of \$24,608,000, with
21 an estimated first Federal cost of \$19,660,000 and
22 an estimated first non-Federal cost of \$4,948,000.

23 (2) SEWARD HARBOR, ALASKA.—The project
24 for navigation, Seward Harbor, Alaska, at a total
25 cost of \$12,240,000, with an estimated first Federal

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1	cost of \$4,364,000 and an estimated first non-Fed-
2	eral cost of \$7,876,000.
3	(3) Hamilton airfield wetland restora-
4	TION, CALIFORNIA.—The project for environmental
5	restoration at Hamilton Airfield, California, at a
6	total cost of \$55,200,000, with an estimated Federal
7	cost of \$41,400,000 and an estimated non-Federal
8	cost of \$13,800,000.
9	(4) Oakland, California.—
10	(A) IN GENERAL.—The project for naviga-
11	tion and environmental restoration, Oakland,
12	California, at a total cost of \$214,340,000, with
13	an estimated Federal cost of \$143,450,000 and
14	an estimated non-Federal cost of \$70,890,000.
15	(B) Berthing areas and other local
16	SERVICE FACILITIES.—The non-Federal inter-
17	ests shall provide berthing areas and other local
18	service facilities necessary for the project at an
19	estimated cost of \$42,310,000.
20	(5) Delaware bay coastline: delaware
21	AND NEW JERSEY-ROOSEVELT INLET-LEWES BEACH,
22	DELAWARE.
23	(A) In GENERAL.—The project for naviga-
24	tion mitigation, shore protection, and hurricane
25	and storm damage reduction, Delaware Bay

1	coastline: Delaware and New Jersey-Roosevelt
2	Inlet-Lewes Beach, Delaware, at a total cost of
3	\$3,393,000, with an estimated Federal cost of
4	\$2,620,000 and an estimated non-Federal cost
5	of \$773,000.
6	(B) PERIODIC NOURISHMENT.—Periodic
7	nourishment is authorized for a 50-year period
8	at an estimated average annual cost of
9	\$196,000, with an estimated annual Federal
10	cost of \$152,000 and an estimated annual non-
11	Federal cost of \$44,000.
12	(6) Delaware coast from cape henelopen
13	TO FENWICK ISLAND, BETHANY BEACH/SOUTH
14	BETHANY BEACH, DELAWARE.—
15	(A) IN GENERAL.—The project for hurri-
16	cane and storm damage reduction and shore
17	protection, Delaware Coast from Cape
18	Henelopen to Fenwick Island, Bethany Beach/
19	South Bethany Beach, Delaware, at a total cost
20	of \$22,205,000, with an estimated Federal cost
21	of \$14,433,000 and an estimated non-Federal
22	cost of \$7,772,000.
23	(B) PERIODIC NOURISHMENT.—Periodic
24	nourishment is authorized for a 50-year period
24 25	nourishment is authorized for a 50-year period at an estimated average annual cost of

1\$1,584,000, with an estimated annual Federal2cost of \$1,030,000 and an estimated annual3non-Federal cost of \$554,000.

4 (7) JACKSONVILLE HARBOR, FLORIDA.—The
5 project for navigation, Jacksonville Harbor, Florida,
6 at a total cost of \$26,116,000, with an estimated
7 Federal cost of \$9,129,000 and an estimated non8 Federal cost of \$16,987,000.

9 (8) LITTLE TALBOT ISLAND, DUVAL COUNTY, 10 FLORIDA.—The project for hurricane and storm 11 damage prevention and shore protection, Little Tal-12 bot Island, Duval County, Florida, at a total cost of 13 \$5,915,000, with an estimated Federal cost of 14 \$3,839,000 and an estimated non-Federal cost of 15 \$2,076,000.

16 (9) PONCE DE LEON INLET, VOLUSIA COUNTY,
17 FLORIDA.—The project for navigation and recre18 ation, Ponce de Leon Inlet, Volusia County, Florida,
19 at a total cost of \$5,454,000, with an estimated
20 Federal cost of \$2,988,000 and an estimated non21 Federal cost of \$2,466,000.

22 (10) SAVANNAH HARBOR EXPANSION, GEOR23 GIA.—

24(A) IN GENERAL. Subject to subpara-25graph (B), the Secretary may carry out the

1 project for navigation, Savannah Harbor expan-2 sion, Georgia, substantially in accordance with 3 the plans, and subject to the conditions, rec-4 ommended in a final report of the Chief of En-5 gineers, with such modifications as the See-6 retary deems appropriate, at a total cost of 7 \$230,174,000 (of which amount a portion is au-8 thorized for implementation of the mitigation 9 plan), with an estimated Federal cost of \$145,160,000 and an estimated non-Federal 10 11 cost of \$85,014,000. 12 (B) CONDITIONS.—The project authorized 13 by subparagraph (A) may be carried out only 14 after-15 (i) the Secretary, in consultation with 16 affected Federal, State, regional, and local 17 entities, has reviewed and approved an En-18 vironmental Impact Statement that 19 includes-20 (I) an analysis of the impacts of 21 project depth alternatives ranging 22 from 42 feet through 48 feet; and 23 (II) a selected plan for navigation 24 and associated mitigation plan as re-25 quired by section 906(a) of the Water

1Resources Development Act of 19862(33 U.S.C. 2283); and

3 (ii) the Secretary of the Interior, the 4 Secretary of Commerce, and the Adminis-5 trator of the Environmental Protection 6 Agency, with the Secretary, have approved 7 the selected plan and have determined that 8 the mitigation plan adequately addresses 9 the potential environmental impacts of the 10 project.

11(C) MITIGATION REQUIREMENTS.—The12mitigation plan shall be implemented in advance13of or concurrently with construction of the14project.

15 (11) TURKEY CREEK BASIN, KANSAS CITY, MIS16 SOURI AND KANSAS CITY, KANSAS.—The project for
17 flood damage reduction, Turkey Creek Basin, Kan18 sas City, Missouri, and Kansas City, Kansas, at a
19 total cost of \$42,875,000 with an estimated Federal
20 cost of \$25,596,000 and an estimated non-Federal
21 cost of \$17,279,000.

22 (12) LOWER CAPE MAY MEADOWS, CAPE MAY
23 POINT, NEW JERSEY.

24 (A) IN GENERAL. The project for naviga25 tion mitigation, ecosystem restoration, shore

 duction, Lower Cape May Meadows, Cape M Point, New Jersey, at a total cost \$15,952,000, with an estimated Federal cost \$12,118,000 and an estimated non-Federal cost of \$3,834,000. (B) PERIODIC NOURISHMENT.—Period 	of - of
 4 \$15,952,000, with an estimated Federal cost 5 \$12,118,000 and an estimated non-Federal 6 6 of \$3,834,000. 	of
 5 \$12,118,000 and an estimated non-Federal 6 6 of \$3,834,000. 	
6 of \$3,834,000.	ost
7 (B) PERIODIC NOURISHMENT.—Perio	
	die
8 nourishment is authorized for a 50-year per	iod
9 at an estimated average annual cost	of
10 \$1,114,000, with an estimated annual Fede	ral
11 cost of \$897,000 and an estimated annual n	on-
12 Federal cost of \$217,000.	
13 (13) New Jersey Shore Protection, BI	HG-
14 ANTINE INLET TO GREAT EGG HARBOR, BRIGANT	NE
15 Island, New Jersey.	
16 (A) IN GENERAL.—The project for hu	rri-
17 cane and storm damage reduction and sh	ore
18 protection, New Jersey Shore protection, B	rig-
19 antine Inlet to Great Egg Harbor, Brigant	ine
20 Island, New Jersey, at a total cost	of
21 \$4,970,000, with an estimated Federal cost	of
22 \$3,230,000 and an estimated non-Federal of	ost
 22 \$\$3,230,000 and an estimated non-Federal e 23 of \$1,740,000. 	ost

1 an estimated average annual cost of at 2 \$465,000, with an estimated annual Federal 3 cost of \$302,000 and an estimated annual non-4 Federal cost of \$163,000. 5 **MEMPHIS** (14)HARBOR, **MEMPHIS**, TEN-6 NESSEE. 7 (A) IN GENERAL.—Subject to subpara-8 graph (B), the project for navigation, Memphis 9 Harbor, Memphis, Tennessee, authorized by 10 section 601(a) of the Water Resources Develop-11 ment Act of 1986 (100 Stat. 4145) and de-12 authorized under section 1001(a) of that Act (33 U.S.C. 579a(a)) is authorized to be carried 13 14 out by the Secretary. 15 (B) CONDITION.—No construction may be 16 initiated unless the **Secretary** determines 17 through a general reevaluation report using 18 current data, that the project is technically 19 sound, environmentally acceptable, and eco-20 nomically justified. 21 (15) HOWARD HANSON DAM, WASHINGTON. 22 The project for water supply and ecosystem restora-23 tion, Howard Hanson Dam, Washington, at a total

cost of \$75,600,000, with an estimated Federal cost

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of \$36,900,000 and an estimated non-Federal cost
 of \$38,700,000.

3 SEC. 102. PROJECT MODIFICATIONS.

4 (a) PROJECTS WITH REPORTS.—

5 (1) SAN LORENZO RIVER, CALIFORNIA.—The 6 project for flood control, San Lorenzo River, Cali-7 fornia, authorized by section 101(a)(5) of the Water 8 Resources Development Act of 1996 (110 Stat. 9 3663), is modified to authorize the Secretary to in- 10 elude as a part of the project streambank erosion 11 control measures to be undertaken substantially in 12 accordance with the report entitled "Bank Stabiliza-13 tion Concept, Laurel Street Extension", dated April 14 23, 1998, at a total cost of \$4,000,000, with an estimated Federal cost of \$2,600,000 and an estimated 15 16 non-Federal cost of \$1,400,000.

17 (2) Wood river, Grand Island, Nebraska.— 18 The project for flood control, Wood River, Grand Is-19 land, Nebraska, authorized by section 101(a)(19) of 20 the Water Resources Development Act of 1996 (110 21 Stat. 3665) is modified to authorize the Secretary to 22 construct the project in accordance with the Corps 23 of Engineers report dated June 29, 1998, at a total 24 cost of \$17,039,000, with an estimated Federal cost

of \$9,730,000 and an estimated non-Federal cost of
 \$7,309,000.

3 (3) ABSECON ISLAND, NEW JERSEY.—The
4 project for Absecon Island, New Jersey, authorized
5 by section 101(b)(13) of the Water Resources Devel6 opment Act of 1996 (110 Stat. 3668) is amended to
7 authorize the Secretary to reimburse the non-Fed8 eral interests for all work performed, consistent with
9 the authorized project.

 10
 (4) ARTHUR KILL, NEW YORK AND NEW JER

 11
 SEY.—

12 (A) IN GENERAL.—The project for naviga-13 tion, Arthur Kill, New York and New Jersey, 14 authorized by section 202(b) of the Water Resources Development Act of 1986 (100 Stat. 15 16 4098) and modified by section 301(b)(11) of 17 the Water Resources Development Act of 1996 18 (110 Stat. 3711), is further modified to author-19 ize the Secretary to construct the project at a 20 total cost of \$276,800,000, with an estimated 21 Federal cost of \$183,200,000 and an estimated non-Federal cost of \$93,600,000. 22

23 (B) BERTHING AREAS AND OTHER LOCAL
24 SERVICE FACILITIES.—The non-Federal inter25 ests shall provide berthing areas and other local

service facilities necessary for the project at an 1 2 estimated cost of \$38,900,000. 3 (5) WAURIKA LAKE, OKLAHOMA, WATER CON-4 **VEYANCE** FACILITIES.—The requirement for the 5 Waurika Project Master Conservancy District to 6 repay the \$2,900,000 in costs (including interest) 7 resulting from the October 1991 settlement of the 8 elaim of the Travelers Insurance Company before 9 the United States Claims Court related to construe-10 tion of the water conveyance facilities authorized by 11 the first section of Public Law 88-253 (77 Stat. 12 841) is waived.

13 (b) PROJECTS SUBJECT TO REPORTS.—The fol-14 lowing projects are modified as follows, except that no 15 funds may be obligated to carry out work under such 16 modifications until completion of a final report by the 17 Chief of Engineers, as approved by the Secretary, finding 18 that such work is technically sound, environmentally ac-19 ceptable, and economically justified, as applicable:

20(1) THORNTON RESERVOIR, COOK COUNTY, IL-21LINOIS.—

(A) IN GENERAL.—The Thornton Reservoir project, an element of the project for
flood control, Chicagoland Underflow Plan, Illinois, authorized by section 3(a)(5) of the Water

1	Resources Development Act of 1988 (102 Stat.
2	4013), is modified to authorize the Secretary to
3	include additional permanent flood control stor-
4	age attributable to the Thorn Creek Reservoir
5	project, Little Calumet River Watershed, Illi-
6	nois, approved under the Watershed Protection
7	and Flood Prevention Act (16 U.S.C. 1001 et
8	seq.).
9	(B) Cost sharing.—Costs for the Thorn-
10	ton Reservoir project shall be shared in accord-
11	ance with section 103 of the Water Resources
12	Development Act of 1986 (33 U.S.C. 2213).
13	(C) TRANSITIONAL STORAGE.—The Sec-
14	retary of Agriculture may cooperate with non-
15	Federal interests to provide, on a transitional
16	basis, flood control storage for the Thorn Creek
17	Reservoir project in the west lobe of the Thorn-
18	ton quarry.
19	(D) CREDITING.—The Secretary may cred-
20	it against the non-Federal share of the Thorn-
21	ton Reservoir project all design and construc-
22	tion costs incurred by the non-Federal interests
23	before the date of enactment of this Act.
24	(E) REEVALUATION REPORT.—The See-
25	retary shall determine the credits authorized by

1	subparagraph (D) that are integral to the
2	Thornton Reservoir project and the current
3	total project costs based on a limited reevalua-
4	tion report.
5	(2) Wells harbor, wells, maine.—
6	(A) In GENERAL.—The project for naviga-
7	tion, Wells Harbor, Maine, authorized by sec-
8	tion 101 of the River and Harbor Act of 1960
9	(74 Stat. 480), is modified to authorize the
10	Secretary to realign the channel and anchorage
11	areas based on a harbor design capacity of 150
12	craft.
13	(B) DEAUTHORIZATION OF CERTAIN POR-
14	TIONS.—The following portions of the project
15	are not authorized after the date of enactment
16	of this Act:
17	(i) The portion of the 6-foot channel
18	the boundaries of which begin at a point
19	with coordinates N177,992.00,
20	E394,831.00, thence running south 83 de-
21	grees 58 minutes 14.8 seconds west 10.38
22	feet to a point N177,990.91, E394,820.68,
23	thence running south 11 degrees 46 min-
24	utes 47.7 seconds west 991.76 feet to a
25	point N177,020.04, E394,618.21, thence

	20
1	running south 78 degrees 13 minutes 45.7
2	seconds east 10.00 feet to a point
3	N177,018.00, E394,628.00, thence run-
4	ning north 11 degrees 46 minutes 22.8
5	seconds east 994.93 feet to the point of or-
6	i gin.
7	(ii) The portion of the 6-foot anchor-
8	age the boundaries of which begin at a
9	point with coordinates N177,778.07,
10	E394,336.96, thence running south 51 de-
11	grees 58 minutes 32.7 seconds west 15.49
12	feet to a point N177,768.53, E394,324.76,
13	thence running south 11 degrees 46 min-
14	utes 26.5 seconds west 672.87 feet to a
15	point N177,109.82, E394,187.46, thence
16	running south 78 degrees 13 minutes 45.7
17	seconds east 10.00 feet to a point
18	N177,107.78, E394,197.25, thence run-
19	ning north 11 degrees 46 minutes 25.4
20	seconds east 684.70 feet to the point of or-
21	i gin.
22	(iii) The portion of the 10-foot set-
23	tling basin the boundaries of which begin
24	at a point with coordinates N177,107.78,
25	E394,197.25, thence running north 78 de-

1	grees 13 minutes 45.7 seconds west 10.00
2	feet to a point N177,109.82, E394,187.46,
3	thence running south 11 degrees 46 min-
4	utes 15.7 seconds west 300.00 feet to a
5	point N176,816.13, E394,126.26, thence
6	running south 78 degrees 12 minutes 21.4
7	seconds east 9.98 feet to a point
8	N176,814.09, E394,136.03, thence run-
9	ning north 11 degrees 46 minutes 29.1
10	seconds east 300.00 feet to the point of or-
11	i gin.
12	(iv) The portion of the 10-foot settling
13	basin the boundaries of which begin at a
14	point with coordinates N177,018.00,
15	E394,628.00, thence running north 78 de-
16	grees 13 minutes 45.7 seconds west 10.00
17	feet to a point N177,020.04, E394,618.21,
18	thence running south 11 degrees 46 min-
19	utes 44.0 seconds west 300.00 feet to a
20	point N176,726.36, E394,556.97, thence
21	running south 78 degrees 12 minutes 30.3
22	seconds east 10.03 feet to a point
23	N176,724.31, E394,566.79, thence run-
24	
24	ning north 11 degrees 46 minutes 22.4

1	seconds east 300.00 feet to the point of or-
2	i gin.
3	(C) Redesignations.—The following por-
4	tions of the project shall be redesignated as
5	part of the 6-foot anchorage:
6	(i) The portion of the 6-foot channel
7	the boundaries of which begin at a point
8	with coordinates N177,990.91,
9	E394,820.68, thence running south 83 de-
10	grees 58 minutes 40.8 seconds west 94.65
11	feet to a point N177,980.98, E394,726.55,
12	thence running south 11 degrees 46 min-
13	utes 22.4 seconds west 962.83 feet to a
14	point N177,038.40, E394,530.10, thence
15	running south 78 degrees 13 minutes 45.7
16	seconds east 90.00 feet to a point
17	N177,020.04, E394,618.21, thence run-
18	ning north 11 degrees 46 minutes 47.7
19	seconds east 991.76 feet to the point of or-
20	i gin.
21	(ii) The portion of the 10-foot inner
22	harbor settling basin the boundaries of
23	which begin at a point with coordinates
24	N177,020.04, E394,618.21, thence run-
25	ning north 78 degrees 13 minutes 30.5

1	seconds west 160.00 feet to a point
2	N177,052.69, E394,461.58, thence run-
3	ning south 11 degrees 46 minutes 45.4
4	seconds west 299.99 feet to a point
5	N176,759.02, E394,400.34, thence run-
6	ning south 78 degrees 13 minutes 17.9
7	seconds east 160 feet to a point
8	N176,726.36, E394,556.97, thence run-
9	ning north 11 degrees 46 minutes 44.0
10	seconds east 300.00 feet to the point of or-
11	i gin.
12	(iii) The portion of the 6-foot anchor-
13	age the boundaries of which begin at a
14	point with coordinates N178,102.26,
15	E394,751.83, thence running south 51 de-
16	grees 59 minutes 42.1 seconds west 526.51
17	feet to a point N177,778.07, E394,336.96,
18	thence running south 11 degrees 46 min-
19	utes 26.6 seconds west 511.83 feet to a
20	point N177,277.01, E394,232.52, thence
21	running south 78 degrees 13 minutes 17.9
22	seconds east 80.00 feet to a point
23	N177,260.68, E394,310.84, thence run-
24	ning north 11 degrees 46 minutes 24.8
25	seconds east 482.54 feet to a point

N177,733.07, E394,409.30, thence run-
ning north 51 degrees 59 minutes 41.0
seconds east 402.63 feet to a point
N177,980.98, E394,726.55, thence run-
ning north 11 degrees 46 minutes 27.6
seconds east 123.89 feet to the point of or-
i gin.
(D) REALIGNMENT.—The 6-foot anchorage
area described in subparagraph (C)(iii) shall be
realigned to include the area located south of
the inner harbor settling basin in existence on
the date of enactment of this Act beginning at
a point with coordinates N176,726.36,
E394,556.97, thence running north 78 degrees
13 minutes 17.9 seconds west 160.00 feet to a
point N176,759.02, E394,400.34, thence run-
ning south 11 degrees 47 minutes 03.8 seconds
west 45 feet to a point N176,714.97,
E394,391.15, thence running south 78 degrees
13 minutes 17.9 seconds 160.00 feet to a point
N176,682.31, E394,547.78, thence running
north 11 degrees 47 minutes 03.8 seconds east
45 feet to the point of origin.

1(E) RELOCATION.—The Secretary may re-2locate the settling basin feature of the project3to the outer harbor between the jettics.

4 (3) New York Harbor and Adjacent Chan-5 NELS, PORT JERSEY, NEW JERSEY.—The project for 6 navigation, New York Harbor and Adjacent Chan-7 nels, Port Jersey, New Jersey, authorized by section 8 202(b) of the Water Resources Development Act of 9 1986 (100 Stat. 4098), is modified to authorize the 10 Secretary to construct the project at a total cost of 11 \$103,267,000, with an estimated Federal cost of 12 \$76,909,000 and an estimated non-Federal cost of 13 <u>\$26,358,000.</u>

14 (c) BEAVER LAKE, ARKANSAS, WATER SUPPLY STORAGE REALLOCATION.—The Secretary shall reallocate 15 approximately 31,000 additional acre-feet at Beaver Lake, 16 17 Arkansas, to water supply storage at no cost to the Beaver Water District or the Carroll-Boone Water District, except 18 that at no time shall the bottom of the conservation pool 19 be at an elevation that is less than 1,076 feet, NGVD. 20 21 (d) Tolchester Channel S-Turn, Baltimore, MARYLAND.—The project for navigation, Baltimore Har-22 bor and Channels, Maryland, authorized by section 101 23 of the River and Harbor Act of 1958 (72 Stat. 297), is 24

1 modified to direct the Secretary to straighten the 2 Tolehester Channel S-turn as part of project maintenance. 3 (e) TROPICANA WASH AND FLAMINGO WASH, NE-VADA.—Any Federal costs associated with the Tropicana 4 5 and Flamingo Washes, Nevada, authorized by section 101(13) of the Water Resources Development Act of 1992 6 7 (106 Stat. 4803), incurred by the non-Federal interest to 8 accelerate or modify construction of the project, in co-9 operation with the Corps of Engineers, shall be considered 10 to be eligible for reimbursement by the Secretary.

(f) Rediversion Project, Cooper River,
 Charleston Harbor, South Carolina.—

13 (1) IN GENERAL.—The rediversion project, 14 Cooper River, Charleston Harbor, South Carolina, 15 authorized by section 101 of the River and Harbor 16 Act of 1968 (82 Stat. 731) and modified by title I 17 of the Energy and Water Development Appropria-18 tions Act, 1992 (105 Stat. 517), is modified to au-19 thorize the Secretary to pay the State of South 20 Carolina not more than \$3,750,000, if the State en-21 ters into an agreement with the Secretary providing 22 that the State shall perform all future operation of 23 the St. Stephen, South Carolina, fish lift (including 24 associated studies to assess the efficacy of the fish 25 lift).

1 (2) CONTENTS.—The agreement shall specify 2 the terms and conditions under which payment will 3 be made and the rights of, and remedies available to, 4 the Secretary to recover all or a portion of the pay-5 ment if the State suspends or terminates operation 6 of the fish lift or fails to perform the operation in 7 a manner satisfactory to the Secretary. 8 (3) MAINTENANCE.—Maintenance of the fish 9 lift shall remain a Federal responsibility. 10 (g) TRINITY RIVER AND TRIBUTARIES, TEXAS.—The project for flood control and navigation, Trinity River and 11 12 tributaries, Texas, authorized by section 301 of the River and Harbor Act of 1965 (79 Stat. 1091), is modified to 13 add environmental restoration as a project purpose. 14 15 (h) BEACH EROSION CONTROL AND HURRICANE PROTECTION, VIRGINIA BEACH, VIRGINIA. 16 17 (1) ACCEPTANCE OF FUNDS.—In any fiscal 18 year that the Corps of Engineers does not receive 19 appropriations sufficient to meet expected project ex-20 penditures for that year, the Secretary shall accept 21 from the city of Virginia Beach, Virginia, for purposes of the project for beach erosion control and 22 23 hurricane protection, Virginia Beach, Virginia, au-

24 thorized by section 501(a) of the Water Resources

1	Development Act of 1986 (100 Stat. 4136), such
2	funds as the city may advance for the project.
3	(2) Repayment.—Subject to the availability of
4	appropriations, the Secretary shall repay, without in-
5	terest, the amount of any advance made under para-
6	graph (1), from appropriations that may be provided
7	by Congress for river and harbor, flood control,
8	shore protection, and related projects.
9	(i) Elizabeth River, Chesapeake, Virginia.—
10	Notwithstanding any other provision of law, after the date
11	of enactment of this Act, the city of Chesapeake, Virginia,
12	shall not be obligated to make the annual eash contribu-
13	tion required under paragraph $1(9)$ of the Local Coopera-
14	tion Agreement dated December 12, 1978, between the
15	Government and the city for the project for navigation,
16	southern branch of Elizabeth River, Chesapeake, Virginia.
17	(j) Payment Option, Moorefield, West Vir-
18	GINIA.—The Secretary may permit the non-Federal inter-
19	ests for the project for flood control, Moorefield, West Vir-
20	ginia, to pay without interest the remaining non-Federal
21	cost over a period not to exceed 30 years, to be determined
22	by the Secretary.
22	

23 (k) MIAMI DADE AGRICULTURAL AND RURAL LAND
24 RETENTION PLAN AND SOUTH BISCAYNE, FLORIDA.
25 Section 528(b)(3) of the Water Resources Development

Act of 1996 (110 Stat. 3768) is amended by adding at
 the end the following:

3	${}$ (D) Credit and reimbursement of
4	PAST AND FUTURE ACTIVITIES.—The Secretary
5	may afford credit to or reimburse the non-Fed-
6	eral sponsors (using funds authorized by sub-
7	paragraph (C)) for the reasonable costs of any
8	work that has been performed or will be per-
9	formed in connection with a study or activity
10	meeting the requirements of subparagraph (A)
11	if—
12	"(i) the Secretary determines that—
13	$\frac{((I)}{(I)}$ the work performed by the
14	non-Federal sponsors will substan-
15	tially expedite completion of a critical
16	restoration project; and
17	${}$ (II) the work is necessary for a
18	critical restoration project; and
19	"(ii) the credit or reimbursement is
20	granted pursuant to a project-specific
21	agreement that prescribes the terms and
22	conditions of the credit or reimburse-
23	ment.".
24	(1) Lake Michigan, Illinois.—

1 (1) IN GENERAL.—The project for storm dam-2 age reduction and shoreline protection, Lake Michi-3 gan, Illinois, from Wilmette, Illinois, to the Illinois-4 Indiana State line, authorized by section 101(a)(12)5 of the Water Resources Development Act of 1996 6 (110 Stat. 3664), is modified to provide for reim-7 bursement for additional project work undertaken by 8 the non-Federal interest.

9 (2) CREDIT OR REIMBURSEMENT. The Sec-10 retary shall credit or reimburse the non-Federal in-11 terest for the Federal share of project costs incurred 12 by the non-Federal interest in designing, con- 13 structing, or reconstructing reach 2F (700 feet 14 south of Fullerton Avenue and 500 feet north of 15 Fullerton Avenue), reach 3M (Meigs Field), and seg-16 ments 7 and 8 of reach 4 (43rd Street to 57th 17 Street), if the non-Federal interest earries out the 18 work in accordance with plans approved by the See-19 retary, at an estimated total cost of \$83,300,000.

20 (3) REIMBURSEMENT.—The Secretary shall re21 imburse the non-Federal interest for the Federal
22 share of project costs incurred by the non-Federal
23 interest in reconstructing the revetment structures
24 protecting Solidarity Drive in Chicago, Illinois, be-

1 fore the signing of the project cooperation agree-2 ment, at an estimated total cost of \$7,600,000. 3 (m) MEASUREMENTS OF LAKE MICHIGAN DIVER-SIONS, ILLINOIS.—Section 1142(b) of the Water Re-4 sources Development Act of 1986 (100 Stat. 4253) is 5 amended by striking "\$250,000 per fiscal year for each 6 fiscal year beginning after September 30, 1986" and in-7 8 serting "a total of \$1,250,000 for each of fiscal years 9 1999 through 2003". 10 (n) PROJECT FOR NAVIGATION, DUBUQUE, IOWA.

11 The project for navigation at Dubuque, Iowa, authorized 12 by section 101 of the River and Harbor Act of 1960 (74 13 Stat. 482), is modified to authorize the development of 14 a wetland demonstration area of approximately 1.5 acres 15 to be developed and operated by the Dubuque County His-16 torical Society or a successor nonprofit organization.

(o) LOUISIANA STATE PENITENTIARY LEVEE.—The
Secretary may credit against the non-Federal share work
performed in the project area of the Louisiana State Penitentiary Levee, Mississippi River, Louisiana, authorized by
section 401(a) of the Water Resources Development Act
of 1986 (100 Stat. 4117).

(p) JACKSON COUNTY, MISSISSIPPI.—The project for
environmental infrastructure, Jackson County, Mississippi, authorized by section 219(c)(5) of the Water Re-

sources Development Act of 1992 (106 Stat. 4835) and 1 modified by section 504 of the Water Resources Develop-2 ment Act of 1996 (110 Stat. 3757), is modified to direct 3 4 the Secretary to provide a credit, not to exceed 5 \$5,000,000, against the non-Federal share of the cost of the project for the costs incurred by the Jackson County 6 7 Board of Supervisors since February 8, 1994, in con-8 structing the project, if the Secretary determines that such 9 costs are for work that the Secretary determines was com-10 patible with and integral to the project.

11 (q) RICHARD B. RUSSELL DAM AND LAKE, SOUTH
12 CAROLINA.—

13 (1) IN GENERAL.—Except as otherwise pro-14 vided in this paragraph, the Secretary shall convey 15 to the State of South Carolina all right, title, and 16 interest of the United States in the parcels of land 17 described in subparagraph (B) that are currently 18 being managed by the South Carolina Department 19 of Natural Resources for fish and wildlife mitigation 20 purposes for the Richard B. Russell Dam and Lake, 21 South Carolina, project authorized by the Flood 22 Control Act of 1966 and modified by the Water Re-23 sources Development Act of 1986.

24 (2) LAND DESCRIPTION.

1	(A) IN GENERAL.—The parcels of land to
2	be conveyed are described in Exhibits A, F, and
3	H of Army Lease No. DACW21-1-93-0910
4	and associated supplemental agreements or are
5	designated in red in Exhibit A of Army License
6	No. DACW21-3-85-1904, excluding all des-
7	ignated parcels in the license that are below ele-
8	vation 346 feet mean sea level or that are less
9	than 300 feet measured horizontally from the
10	top of the power pool.
11	(B) Management of excluded par-
12	CELS.—Management of the excluded parcels
13	shall continue in accordance with the terms of
14	Army License No. DACW21-3-85-1904 until
15	the Secretary and the State enter into an agree-
16	ment under subparagraph (F).
17	(C) SURVEY.—The exact acreage and legal
18	description of the land shall be determined by
19	a survey satisfactory to the Secretary, with the
20	cost of the survey borne by the State.
21	(3) Costs of conveyance.—The State shall
22	be responsible for all costs, including real estate
23	transaction and environmental compliance costs, as-
24	sociated with the conveyance.

25 (4) PERPETUAL STATUS.—

1	(A) IN GENERAL.—All land conveyed
2	under this paragraph shall be retained in public
3	ownership and shall be managed in perpetuity
4	for fish and wildlife mitigation purposes in ac-
5	cordance with a plan approved by the Secretary.
6	(B) REVERSION.—If any parcel of land is
7	not managed for fish and wildlife mitigation
8	purposes in accordance with the plan, title to
9	the parcel shall revert to the United States.
10	(5) Additional terms and conditions.
11	The Secretary may require such additional terms
12	and conditions in connection with the conveyance as
13	the Secretary considers appropriate to protect the
14	interests of the United States.
15	(6) Fish and wildlife mitigation agree-
16	MENT.
17	(A) In GENERAL.—The Secretary may pay
18	the State of South Carolina not more than
19	\$4,850,000 subject to the Secretary and the
20	State entering into a binding agreement for the
21	State to manage for fish and wildlife mitigation
22	purposes in perpetuity the lands conveyed under
23	this paragraph and excluded parcels designated
24	in Exhibit A of Army License No. DACW21–
25	3 - 85 - 1904.

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1 (\mathbf{B}) FAILURE ΘF PERFORMANCE.—The 2 agreement shall specify the terms and condi-3 tions under which payment will be made and 4 the rights of, and remedies available to, the 5 Federal Government to recover all or a portion 6 of the payment if the State fails to manage any 7 parcel in a manner satisfactory to the See-8 retary.

9 (r) LAND CONVEYANCE, CLARKSTON, WASH-10 INGTON.—

11 (1) IN GENERAL.—The Secretary shall convey 12 to the Port of Clarkston, Washington, all right, title, 13 and interest of the United States in and to a portion 14 of the land described in the Department of the Army 15 lease No. DACW68-1-97-22, consisting of approxi-16 mately 31 acres, the exact boundaries of which shall 17 be determined by the Secretary and the Port of 18 Clarkston.

(2) ADDITIONAL LAND.—The Secretary may
convey to the Port of Clarkston, Washington, at fair
market value as determined by the Secretary, such
additional land located in the vicinity of Clarkston,
Washington, as the Secretary determines to be excess to the needs of the Columbia River Project and
appropriate for conveyance.

1 (3) TERMS AND CONDITIONS.—The conveyances 2 made under subsections (a) and (b) shall be subject 3 to such terms and conditions as the Secretary deter-4 mines to be necessary to protect the interests of the 5 United States, including a requirement that the Port 6 of Clarkston pay all administrative costs associated 7 with the conveyances, including the cost of land sur-8 veys and appraisals and costs associated with com-9 pliance with applicable environmental laws (includ-10 ing regulations).

11 (4) USE OF LAND.—The Port of Clarkston 12 shall be required to pay the fair market value, as de-13 termined by the Secretary, of any land conveyed 14 pursuant to subsection (a) that is not retained in 15 public ownership or is used for other than public 16 park or recreation purposes, except that the Sec-17 retary shall have a right of reverter to reclaim pos-18 session and title to any such land.

(s) WHITE RIVER, INDIANA.—The project for flood
control, Indianapolis on West Fork of the White River,
Indiana, authorized by section 5 of the Act entitled "An
Act authorizing the construction of certain public works
on rivers and harbors for flood control, and other purposes", approved June 22, 1936 (49 Stat. 1586, chapter
688), as modified by section 323 of the Water Resources

Development Act of 1996 (110 Stat. 3716), is modified 1 2 to authorize the Secretary to undertake the riverfront alterations described in the Central Indianapolis Waterfront 3 Concept Plan, dated February 1994, for the Canal Devel-4 opment (Upper Canal feature) and the Beveridge Paper 5 feature, at a total cost not to exceed \$25,000,000, of 6 7 which \$12,500,000 is the estimated Federal cost and 8 \$12,500,000 is the estimated non-Federal cost, except that no such alterations may be undertaken unless the 9 10 Secretary determines that the alterations authorized by 11 this subsection, in combination with the alterations under-12 taken under section 323 of the Water Resources Development Act of 1996 (110 Stat. 3716), are economically justi-13 fied. 14

15 (t) Fox Point Hurricane Barrier, Providence, **RHODE** Island.—The project for hurricane-flood protec-16 tion, Fox Point, Providence, Rhode Island, authorized by 17 section 203 of the Flood Control Act of 1958 (72 Stat. 18 306) is modified to direct the Secretary to undertake the 19 necessary repairs to the barrier, as identified in the Condi-20 tion Survey and Technical Assessment dated April 1998 21 with Supplement dated August 1998, at a total cost of 22 \$3,000,000, with an estimated Federal cost of \$1,950,000 23 and an estimated non-Federal cost of \$1,050,000. 24

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1 SEC. 103. PROJECT DEAUTHORIZATIONS.

2	(a) Bridgeport Harbor, Connecticut.—The por-
3	tion of the project for navigation, Bridgeport Harbor,
4	Connecticut, authorized by section 101 of the River and
5	Harbor Act of 1958 (72 Stat. 297), consisting of a 2.4-
6	acre anchorage area 9 feet deep and an adjacent 0.60-
7	acre anchorage area 6 feet deep, located on the west side
8	of Johnsons River, Connecticut, is not authorized after the
9	date of enactment of this Act.

- 10
- 11

(b) BASS HARBOR, MAINE.

(1) **DEAUTHORIZATION.**—The portions of the 12 project for navigation, Bass Harbor, Maine, author-13 ized on May 7, 1962, under section 107 of the River and Harbor Act of 1960 (33 U.S.C. 577) described 14 in paragraph (2) are not authorized after the date 15 16 of enactment of this Act.

17 (2) DESCRIPTION.—The portions of the project 18 referred to in paragraph (1) are described as follows:

19 (A) Beginning at a bend in the project, 20 N149040.00, E538505.00, thence running eas-21 terly about 50.00 feet along the northern limit 22 of the project to a point, N149061.55, E538550.11, thence running southerly about 23 24 642.08feet to point, N148477.64, a 25 E538817.18, thence running southwesterly 26 about 156.27 feet to a point on the westerly 1

limit of the project, N148348.50, E538737.02, thence running northerly about 149.00 feet 2 3 along the westerly limit of the project to a bend 4 the project, N148489.22, E538768.09, in 5 thence running northwesterly about 610.39 feet 6 along the westerly limit of the project to the 7 point of origin.

8 (B) Beginning at a point on the westerly 9 limit of the project, N148118.55, E538689.05, 10 thence running southeasterly about 91.92 feet 11 to a point, N148041.43, E538739.07, thence 12 running southerly about 65.00 feet to a point, 13 E538725.51, thence N147977.86, running 14 southwesterly about 91.92 feet to a point on the 15 westerly limit of the project, N147927.84, 16 E538648.39, thence running northerly about 17 195.00 feet along the westerly limit of the 18 project to the point of origin.

19 (c) BOOTHBAY HARBOR, MAINE.—The project for navigation, Boothbay Harbor, Maine, authorized by the 20 Act of July 25, 1912 (37 Stat. 201, chapter 253), is not 21 22 authorized after the date of enactment of this Act.

23 (d) East Boothbay Harbor, Maine.—Section 364 of the Water Resources Development Act of 1996 (110 24

Stat. 3731) is amended by striking paragraph (9) and in serting the following:

3 "(9) EAST BOOTHBAY HARBOR, MAINE. The
4 project for navigation, East Boothbay Harbor,
5 Maine, authorized by the first section of the Act en6 titled 'An Act making appropriations for the con7 struction, repair, and preservation of certain public
8 works on rivers and harbors, and for other pur9 poses', approved June 25, 1910 (36 Stat. 657).".

10 **SEC. 104. STUDIES.**

11 (a) CADDO LEVEE, RED RIVER BELOW DENISON 12 DAM, ARIZONA, LOUISIANA, OKLAHOMA, AND TEXAS.— The Secretary shall conduct a study to determine the fea-13 sibility of undertaking a project for flood control, Caddo 14 Levee, Red River Below Denison Dam, Arizona, Lou-15 isiana, Oklahoma, and Texas, including incorporating the 16 17 existing levee, along Twelve Mile Bayou from its juncture with the existing Red River Below Denison Dam Levee 18 approximately 26 miles upstream to its terminus at high 19 ground in the vicinity of Black Bayou, Louisiana. 20

21 (b) FIELDS LANDING CHANNEL, HUMBOLDT HAR22 BOR, CALIFORNIA.—The Secretary—

23 (1) shall conduct a study for the project for
24 navigation, Fields Landing Channel, Humboldt Har25 bor and Bay, California, to a depth of minus 35 feet

(MLLW), and for that purpose may use any feasi bility report prepared by the non-Federal sponsor
 under section 203 of the Water Resources Develop ment Act of 1986 (33 U.S.C. 2231) for which reim bursement of the Federal share of the study is au thorized subject to the availability of appropriations;
 and

8 (2) may earry out the project under section 107
9 of the River and Harbor Act of 1960 (33 U.S.C.
10 577), if the Secretary determines that the project is
11 feasible.

12 (e)STRAWBERRY CREEK, BERKELEY, CALI-FORNIA.—The Secretary shall conduct a study to deter-13 mine the feasibility of restoring Strawberry Creek, Berke-14 ley, California, and the Federal interest in environmental 15 restoration, conservation of fish and wildlife resources, 16 17 recreation, and water quality.

18 (d) WEST SIDE STORM WATER RETENTION FACIL19 ITY, CITY OF LANCASTER, CALIFORNIA.—The Secretary
20 shall conduct a study to determine the feasibility of under21 taking measures to construct the West Side Storm Water
22 Retention Facility in the city of Lancaster, California.

23 (e) APALACHICOLA RIVER, FLORIDA.—The Secretary
24 shall conduct a study for the purpose of identifying—

1 (1) alternatives for the management of material 2 dredged in connection with operation and mainte-3 nance of the Apalachicola River Navigation Project; 4 and 5 (2) alternatives that reduce the requirements 6 for such dredging. 7 (f) BROWARD COUNTY, SAND BYPASSING AT PORT 8 EVERGLADES, FLORIDA.—The Secretary shall conduct a 9 study to determine the feasibility of constructing a sand 10 bypassing project at the Port Everglades Inlet, Florida. 11 (g) CITY OF DESTIN-NORIEGA POINT BREAKWATER, 12 FLORIDA.—The Secretary shall conduct a study to deter-13 mine the feasibility of— 14 (1) restoring Noriega Point, Florida, to serve as 15 a breakwater for Destin Harbor; and (2) including Noriega Point as part of the East 16 17 Pass, Florida, navigation project. 18 (h) GATEWAY TRIANGLE REDEVELOPMENT AREA, 19 FLORIDA.-20(1) IN GENERAL.—The Secretary shall conduct 21 a study to determine the feasibility of undertaking 22 measures to reduce the flooding problems in the vi-23 einity of Gateway Triangle Redevelopment Area,

24 Florida.

1 (2) STUDIES AND REPORTS.—The study shall 2 include a review and consideration of studies and re-3 ports completed by the non-Federal interests. 4 (i) CITY OF PLANT CITY, FLORIDA. (1) IN GENERAL.—The Secretary shall conduct 5 6 a study to determine the feasibility of a flood control 7 project in the city of Plant City, Florida. 8 (2) STUDIES AND REPORTS.—In conducting the 9 study, the Secretary shall review and consider stud-10 ies and reports completed by the non-Federal inter-11 ests. 12 (j) GOOSE CREEK WATERSHED, OAKLEY, IDAHO. The Secretary shall conduct a study to determine the fea-13 sibility of undertaking flood damage reduction, water con-14 15 servation, ground water recharge, ecosystem restoration, and related purposes along the Goose Creek watershed 16 17 near Oakley, Idaho. 18 (k) ACADIANA NAVIGATION CHANNEL, LOUISIANA. 19 The Secretary shall conduct a study to determine the fea-20 sibility of assuming operations and maintenance for the 21 Acadiana Navigation Channel located in Iberia and

22 Vermillion Parishes, Louisiana.

23 (1) CAMERON PARISH WEST OF CALCASIEU RIVER,
24 LOUISIANA.—The Secretary shall conduct a study to de25 termine the feasibility of a storm damage reduction and

cosystem restoration project for Cameron Parish west of
 Calcasieu River, Louisiana.

3 (m) BENEFICIAL USE OF DREDGED MATERIAL, 4 COASTAL LOUISIANA.—The Secretary shall conduct a 5 study to determine the feasibility of using dredged mate-6 rial from maintenance activities at Federal navigation 7 projects in coastal Louisiana to benefit coastal areas in 8 the State.

9 (n) CONTRABAND BAYOU NAVIGATION CHANNEL, 10 LOUISIANA.—The Secretary shall conduct a study to de-11 termine the feasibility of assuming the maintenance at 12 Contraband Bayou, Calcasicu River Ship Canal, Lou-13 isiana.

(o) GOLDEN MEADOW LOCK, LOUISIANA.—The Secretary shall conduct a study to determine the feasibility
of converting the Golden Meadow floodgate into a navigation lock to be included in the Larose to Golden Meadow
Hurricane Protection Project, Louisiana.

19 (p) GULF INTRACOASTAL WATERWAY ECOSYSTEM
20 PROTECTION, CHEF MENTEUR TO SABINE RIVER, LOU21 ISLANA.

22 (1) IN GENERAL.—The Secretary shall conduct
 23 a study to determine the feasibility of undertaking
 24 ecosystem restoration and protection measures along

the Gulf Intracoastal Waterway from Chef Menteur
 to Sabine River, Louisiana.

3 (2) MATTERS TO BE ADDRESSED.—The study
4 shall address saltwater intrusion, tidal scour, ero5 sion, and other water resources related problems in
6 that area.

7 (q) LAKE PONTCHARTRAIN, LOUISIANA, AND VICIN-ITY, ST. CHARLES PARISH PUMPS.—The Secretary shall 8 9 conduct a study to determine the feasibility of modifying 10 the Lake Pontchartrain Hurricane Protection Project to include the St. Charles Parish Pumps and the modifica-11 12 tion of the seawall fronting protection along Lake Pontchartrain in Orleans Parish, from New Basin Canal on 13 the west to the Inner Harbor Navigation Canal on the 14 15 east.

16 (r) Lake Pontchartrain and Vicinity Seawall **RESTORATION**, LOUISIANA.—The Secretary shall conduct 17 a study to determine the feasibility of undertaking strue-18 tural modifications of that portion of the seawall fronting 19 protection along the south shore of Lake Pontchartrain 20 in Orleans Parish, Louisiana, extending approximately 5 21 22 miles from the new basin Canal on the west to the Inner Harbor Navigation Canal on the east as a part of the Lake 23 Pontchartrain and Vicinity Hurricane Protection Project, 24

authorized by section 204 of the Flood Control Act of
 1965 (79 Stat. 1077).

3 (s) DETROIT RIVER, MICHIGAN, GREENWAY COR-4 RIDOR STUDY.—

5 (1) IN GENERAL.—The Secretary shall conduct 6 a study to determine the feasibility of a project for 7 shoreline protection, frontal erosion, and associated 8 purposes in the Detroit River shoreline area from 9 the Belle Isle Bridge to the Ambassador Bridge in 10 Detroit, Michigan.

11 (2) POTENTIAL MODIFICATIONS.—As a part of
12 the study, the Secretary shall review potential
13 project modifications to any existing Corps projects
14 within the same area.

(t) ST. CLAIR SHORES FLOOD CONTROL, MICHIGAN.—The Secretary shall conduct a study to determine
the feasibility of constructing a flood control project at St.
Clair Shores, Michigan.

(u) WOODTICK PENINSULA, MICHIGAN, AND TOLEDO
HARBOR, OHIO.—The Secretary shall conduct a study to
determine the feasibility of utilizing dredged material from
Toledo Harbor, Ohio, to provide erosion reduction, navigation, and ecosystem restoration at Woodtick Peninsula,
Michigan.

25 (v) TUNICA LAKE WEIR, MISSISSIPPI.—

(1) IN GENERAL.—The Secretary shall conduct 1 2 a study to determine the feasibility of constructing 3 an outlet weir at Tunica Lake, Tunica County, Mis-4 sissippi, and Lee County, Arkansas, for the purpose 5 of stabilizing water levels in the Lake. 6 (2) ECONOMIC ANALYSIS.—In carrying out the 7 study, the Secretary shall include as a part of the 8 economic analysis the benefits derived from recre-9 ation uses at the Lake and economic benefits associated with restoration of fish and wildlife habitat. 10 11 (w) PROTECTIVE FACILITIES FOR THE ST. LOUIS, 12 MISSOURI, RIVERFRONT AREA. 13 (1) STUDY.—The Secretary shall conduct a 14 study to determine the optimal plan to protect facili-15 ties that are located on the Mississippi River river-16 front within the boundaries of St. Louis, Missouri. 17 (2) REQUIREMENTS.—In conducting the study, 18 the Secretary shall— 19 (A) evaluate alternatives to offer safety 20 and security to facilities; and 21 (B) use state-of-the-art techniques to best

evaluate the current situation, probable solutions, and estimated costs.

	50
1	(3) REPORT.—Not later than April 15, 1999,
2	the Secretary shall submit to Congress a report on
3	the results of the study.
4	(x) Yellowstone River, Montana.—
5	(1) Study.—The Secretary shall conduct a
6	comprehensive study of the Yellowstone River from
7	Gardiner, Montana to the confluence of the Missouri
8	River to determine the hydrologic, biological, and so-
9	cioeconomic cumulative impacts on the river.
10	(2) Consultation and coordination.—The
11	Secretary shall conduct the study in consultation
12	with the United States Fish and Wildlife Service,
13	the United States Geological Survey, and the Nat-
14	ural Resources Conservation Service and with the
15	full participation of the State of Montana and tribal
16	and local entities, and provide for public participa-
17	tion.
18	(3) REPORT.—Not later than 5 years after the
19	date of enactment of this Act, the Secretary shall
20	submit a report to Congress on the results of the
21	study.
22	(y) Las Vegas Valley, Nevada.—
23	(1) IN GENERAL.—The Secretary shall conduct
24	a comprehensive study of water resources located in
25	the Las Vegas Valley, Nevada.

1(2) OBJECTIVES.—The study shall identify2problems and opportunities related to ecosystem res-3toration, water quality, particularly the quality of4surface runoff, water supply, and flood control.

5 (z) OSWEGO RIVER BASIN, NEW YORK.—The Sec6 retary shall conduct a study to determine the feasibility
7 of establishing a flood forecasting system within the
8 Oswego River basin, New York.

9 (aa) Port of New York-New Jersey Navigation
10 Study and Environmental Restoration Study.—

11 (1) NAVIGATION STUDY.—The Secretary shall 12 conduct a comprehensive study of navigation needs at the Port of New York-New Jersey (including the 13 14 South Brooklyn Marine and Red Hook Container 15 Terminals, Staten Island, and adjacent areas) to ad-16 dress improvements, including deepening of existing 17 channels to depths of 50 feet or greater, that are re-18 quired to provide economically efficient and environ-19 mentally sound navigation to meet current and fu-20 ture requirements.

21 (2) ENVIRONMENTAL RESTORATION STUDY.
22 The Secretary, acting through the Chief of Engi23 neers, shall review the report of the Chief of Engi24 neers on the New York Harbor, printed in the
25 House Management Plan of the Harbor Estuary

1	Program, and other pertinent reports concerning the
2	New York Harbor Region and the Port of New
3	York-New Jersey, to determine the Federal interest
4	in advancing harbor environmental restoration.
5	(3) REPORT.—The Secretary may use funds
6	from the ongoing navigation study for New York
7	and New Jersey Harbor to complete a reconnais-
8	sance report for environmental restoration by De-
9	cember 31, 1999. The navigation study to deepen
10	New York and New Jersey Harbor shall consider
11	beneficial use of dredged material.
12	(bb) Bank Stabilization, Missouri River,
13	North Dakota.—
14	(1) STUDY.—
	(A) IN CONTRAL The Secretary shall
15	(A) In GENERAL.—The Secretary shall
15 16	conduct a study to determine the feasibility of
16	conduct a study to determine the feasibility of
16 17	conduct a study to determine the feasibility of bank stabilization on the Missouri River be-
16 17 18	conduct a study to determine the feasibility of bank stabilization on the Missouri River be- tween the Garrison Dam and Lake Oahe in
16 17 18 19	conduct a study to determine the feasibility of bank stabilization on the Missouri River be- tween the Garrison Dam and Lake Oahe in North Dakota.
16 17 18 19 20	conduct a study to determine the feasibility of bank stabilization on the Missouri River be- tween the Garrison Dam and Lake Oahe in North Dakota. (B) ELEMENTS.—In conducting the study,
 16 17 18 19 20 21 	conduct a study to determine the feasibility of bank stabilization on the Missouri River be- tween the Garrison Dam and Lake Oahe in North Dakota. (B) ELEMENTS.—In conducting the study, the Secretary shall study—
 16 17 18 19 20 21 22 	conduct a study to determine the feasibility of bank stabilization on the Missouri River be- tween the Garrison Dam and Lake Oahe in North Dakota. (B) ELEMENTS.—In conducting the study, the Secretary shall study— (i) options for stabilizing the erosion
 16 17 18 19 20 21 22 23 	conduct a study to determine the feasibility of bank stabilization on the Missouri River be- tween the Garrison Dam and Lake Oahe in North Dakota. (B) ELEMENTS.—In conducting the study, the Secretary shall study— (i) options for stabilizing the erosion sites on the banks of the Missouri River

- 1 North Dakota State Water Commission, 2 dated December 1997, including stabiliza-3 tion through nontraditional measures; 4 (ii) the cumulative impact of bank 5 stabilization measures between the Garri-6 son Dam and Lake Oahe on fish and wild-7 life habitat and the potential impact of ad-8 ditional stabilization measures, including 9 the impact of nontraditional stabilization 10 measures; 11 (iii) the current and future effects, in-12 eluding economic and fish and wildlife 13 habitat effects, that bank erosion is having 14 on creating the delta at the beginning of 15 Lake Oahe; and 16 (iv) the impact of taking no additional 17 measures to stabilize the banks of the Mis-18 souri River between the Garrison Dam and 19 Lake Oahe. 20 (C) INTERESTED PARTIES.—In conducting 21 the study, the Secretary shall, to the maximum 22 extent practicable, seek the participation and 23 views of interested Federal, State, and local 24 agencies, landowners, conservation organiza-
- 25 tions, and other persons.

(D) Report.—

1

2 (i) IN GENERAL.—The Secretary shall 3 report to Congress on the results of the 4 study not later than 1 year after the date 5 of enactment of this Act. 6 (ii) STATUS.—If the Secretary cannot 7 complete the study and report to Congress 8 by the day that is 1 year after the date of 9 enactment of this Act, the Secretary shall, 10 by that day, report to Congress on the status of the study and report, including an 11 12 estimate of the date of completion. 13 (2) EFFECT ON EXISTING PROJECTS.—This 14 subsection does not preclude the Secretary from es-15 tablishing or earrying out a stabilization project that 16 is authorized by law. 17 (cc) CLEVELAND HARBOR, CLEVELAND, OIHO.—The Secretary shall conduct a study to determine the feasibility 18 of undertaking repairs and related navigation improve-19 ments at Dike 14, Cleveland, Ohio. 20 21 (dd) East Lake, Vermillion and Chagrin, 22 OIIIO. 23 (1) IN GENERAL.—The Secretary shall conduct 24 a study to determine the feasibility of undertaking flood damage reduction at East Lake, Vermillion
 and Chagrin, Ohio.

3 (2) ICE RETENTION STRUCTURE. In con4 ducting the study, the Secretary may consider con5 struction of an ice retention structure as a potential
6 means of providing flood damage reduction.

7 (ee) TOUSSAINT RIVER, CARROLL TOWNSHIP,
8 OIHO.—The Secretary shall conduct a study to determine
9 the feasibility of undertaking navigation improvements at
10 Toussaint River, Carroll Township, Ohio.

11 (ff) SANTEE DELTA WETLAND HABITAT, SOUTH 12 CAROLINA.—Not later than 18 months after the date of 13 enactment of this Act, the Secretary shall complete a com-14 prehensive study of the ecosystem in the Santee Delta 15 focus area of South Carolina to determine the feasibility 16 of undertaking measures to enhance the wetland habitat 17 in the area.

18 (gg) WACCAMAW RIVER, SOUTH CAROLINA.—The
19 Secretary shall conduct a study to determine the feasibility
20 of a flood control project for the Waccamaw River in
21 Horry County, South Carolina.

22 (hh) UPPER SUSQUEHANNA-LACKAWANNA, PENN23 SYLVANIA, WATERSHED MANAGEMENT AND RESTORA24 TION STUDY.—

1	(1) IN GENERAL.—The Secretary shall conduct
2	a study to determine the feasibility of a comprehen-
3	sive flood plain management and watershed restora-
4	tion project for the Upper Susquehanna-Lacka-
5	wanna Watershed, Pennsylvania.
6	(2) Geographic information system.—In
7	conducting the study, the Secretary shall use a geo-
8	graphic information system.
9	(3) PLANS.—The study shall formulate plans
10	for comprehensive flood plain management and envi-
11	ronmental restoration.
12	(4) CREDITING.—Non-Federal interests may re-
13	ceive credit for in-kind services and materials that
14	contribute to the study. The Secretary may credit
15	non-Corps Federal assistance provided to the non-
16	Federal interest toward the non-Federal share of
17	study costs to the maximum extent authorized by
18	law.
19	(ii) Niobrara River and Missouri River Sedi-
20	MENTATION STUDY, SOUTH DAKOTA.—The Secretary
21	shall conduct a study of the Niobrara River watershed and
22	the operations of Fort Randall Dam and Gavins Point
23	Dam on the Missouri River to determine the feasibility
24	of alleviating the bank erosion, sedimentation, and related

problems in the lower Niobrara River and the Missouri
 River below Fort Randall Dam.

3 (jj) SANTA CLARA RIVER, UTAII.—

4 (1) IN GENERAL.—The Secretary shall conduct
5 a study to determine the feasibility of undertaking
6 measures to alleviate damage caused by flooding,
7 bank erosion, and sedimentation along the watershed
8 of the Santa Clara River, Utah, above the Gunlock
9 Reservoir.

10 (2) CONTENTS.—The study shall include an
analysis of watershed conditions and water quality,
as related to flooding and bank erosion, along the
Santa Clara River in the vicinity of the town of
Gunlock, Utah.

(kk) AGAT SMALL BOAT HARBOR, GUAM. — The Secretary shall conduct a study to determine the feasibility
of undertaking the repair and reconstruction of Agat
Small Boat Harbor, Guam, including the repair of existing
shore protection measures and construction or a revetment
of the breakwater seawall.

(II) APRA HARBOR SEAWALL, GUAM.—The Secretary
shall conduct a study to determine the feasibility of undertaking measures to repair, upgrade, and extend the seawall protecting Apra Harbor, Guam, and to ensure continued access to the harbor via Route 11B.

1 (mm) APRA HARBOR FUEL PIERS, GUAM.—The Sec-2 retary shall conduct a study to determine the feasibility 3 of undertaking measures to upgrade the piers and fuel 4 transmission lines at the fuel piers in the Apra Harbor, 5 Guam, and measures to provide for erosion control and 6 protection against storm damage.

7 (nn) MAINTENANCE DREDGING OF HARBOR PIERS,
8 GUAM.—The Secretary shall conduct a study to determine
9 the feasibility of Federal maintenance of areas adjacent
10 to piers at harbors in Guam, including Apra Harbor, Agat
11 Harbor, and Agana Marina.

12 (00) ALTERNATIVE WATER SOURCES STUDY.—

(1) IN GENERAL.—The Administrator of the
Environmental Protection Agency shall conduct a
study of the water supply needs of States that are
not currently eligible for assistance under title XVI
of the Reclamation Projects Authorization and Adjustment Act of 1992 (43 U.S.C. 390h et seq.).

19 (2) <u>REQUIREMENTS.</u>—The study shall—

20 (A) identify the water supply needs (in21 eluding potable, commercial, industrial, ree22 reational and agricultural needs) of each State
23 described in paragraph (1) through 2020, mak24 ing use of such State, regional, and local plans,
25 studies, and reports as are available;

1	(B) evaluate the feasibility of various alter-
2	native water source technologies such as reuse
3	and reclamation of wastewater and stormwater
4	(including indirect potable reuse), aquifer stor-
5	age and recovery, and desalination to meet the
6	anticipated water supply needs of the States;
7	and
8	(C) assess how alternative water sources
9	technologies can be utilized to meet the identi-
10	fied needs.
11	(3) Report.—The Administrator shall report
12	to Congress on the results of the study not more
13	than 180 days after the date of enactment of this
13 14	than 180 days after the date of enactment of this Act.
	v
14	Act.
14 15	Aet. TITLE II—GENERAL PROVISIONS
14 15 16	Act. TITLE II—GENERAL PROVISIONS SEC. 201. FLOOD HAZARD MITIGATION AND RIVERINE ECO-
14 15 16 17	Act. TITLE II—GENERAL PROVISIONS SEC. 201. FLOOD HAZARD MITIGATION AND RIVERINE ECO- SYSTEM RESTORATION PROGRAM.
14 15 16 17 18	Act. TITLE II—GENERAL PROVISIONS SEC. 201. FLOOD HAZARD MITIGATION AND RIVERINE ECO- SYSTEM RESTORATION PROGRAM. (a) IN GENERAL.—
14 15 16 17 18 19	Aet. TITLE II—GENERAL PROVISIONS SEC. 201. FLOOD HAZARD MITIGATION AND RIVERINE ECO- SYSTEM RESTORATION PROGRAM. (a) IN GENERAL.— (1) AUTHORIZATION.—The Secretary may carry
14 15 16 17 18 19 20	Aet: TITLE II—GENERAL PROVISIONS SEC. 201. FLOOD HAZARD MITIGATION AND RIVERINE ECO- SYSTEM RESTORATION PROGRAM. (a) IN GENERAL.— (1) AUTHORIZATION.—The Secretary may carry out a program to reduce flood hazards and restore
 14 15 16 17 18 19 20 21 	Act. TITLE II—GENERAL PROVISIONS SEC. 201. FLOOD HAZARD MITIGATION AND RIVERINE ECO- SYSTEM RESTORATION PROGRAM. (a) IN GENERAL. (1) AUTHORIZATION.—The Secretary may carry out a program to reduce flood hazards and restore the natural functions and values of riverine eco-
 14 15 16 17 18 19 20 21 22 	Act. TITLE II—GENERAL PROVISIONS SEC. 201. FLOOD HAZARD MITIGATION AND RIVERINE ECO SYSTEM RESTORATION PROGRAM. (a) IN GENERAL.— (1) AUTHORIZATION.—The Secretary may carry out a program to reduce flood hazards and restore the natural functions and values of riverine eco- systems throughout the United States.

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1	restoration measures and may design and implement
2	watershed management and restoration projects.
3	(3) PARTICIPATION.—The studies and projects
4	carried out under the program shall be conducted, to
5	the extent practicable, with the full participation of
6	the appropriate Federal agencies, including the De-
7	partment of Agriculture, the Federal Emergency
8	Management Agency, the Department of the Inte-
9	rior, the Environmental Protection Agency, and the
10	Department of Commerce.
11	(4) Nonstructural approaches.—The stud-
12	ies and projects shall, to the extent practicable, em-
13	phasize nonstructural approaches to preventing or
14	reducing flood damages.
15	(b) Cost-Sharing Requirements.—
16	(1) STUDIES.—The cost of studies conducted
17	under subsection (a) shall be shared in accordance
18	with section 105 of the Water Resources Develop-
19	ment Act of 1986 (33 Stat. 2215).
20	(2) PROJECTS.—The non-Federal interests
21	shall pay 35 percent of the cost of any project car-
22	ried out under this section.
23	(3) IN-KIND CONTRIBUTIONS.—The non-Fed-
24	eral interests shall provide all land, easements,
25	rights-of-way, dredged material disposal areas, and

1	relocations necessary for the projects. The value of
2	the land, easements, rights-of-way, dredged material
3	disposal areas, and relocations shall be credited to-
4	ward the payment required under this subsection.
5	(4) Responsibilities of the non-federal
6	INTERESTS.—The non-Federal interests shall be re-
7	sponsible for all costs associated with operating,
8	maintaining, replacing, repairing, and rehabilitating
9	all projects carried out under this section.
10	(c) Project Justification.—
11	(1) IN GENERAL.—The Secretary may imple-
12	ment a project under this section if the Secretary
13	determines that the project—
14	(A) will significantly reduce potential flood
15	damages;
16	(B) will improve the quality of the environ-
17	ment; and
18	(C) is justified considering all costs and
19	beneficial outputs of the project.
20	(2) Selection criteria; policies and pro-
21	CEDURES.—Not later than 180 days after the date
22	of enactment of this Act, the Secretary shall—
23	(A) develop criteria for selecting and rating
24	the projects to be carried out as part of the
25	program authorized by this section; and

1	(B) establish policies and procedures for
2	carrying out the studies and projects under-
-3	taken under this section.
4	(d) Reporting Requirement.—The Secretary may
5	not implement a project under this section until—
6	(1) the Secretary provides to the Committee on
7	Environment and Public Works of the Senate and
8	the Committee on Transportation and Infrastructure
9	of the House of Representatives a written notifica-
10	tion describing the project and the determinations
11	made under subsection (c); and
12	(2) a period of 21 calendar days has expired
13	following the date on which the notification was re-
14	ceived by the Committees.
15	(e) Priority Areas.—In carrying out this section,
16	the Secretary shall examine the potential for flood damage
17	reductions at appropriate locations, including
18	(1) Le May, Missouri;
19	(2) the upper Delaware River basin, New York;
20	(3) Tillamook County, Oregon;
21	(4) Providence County, Rhode Island; and
22	(5) Willamette River basin, Oregon.
23	(f) Per-Project Limitation.—Not more than
24	\$25,000,000 in Army Civil Works appropriations may be

expended on any single project undertaken under this sec tion.

3 (g) AUTHORIZATION OF APPROPRIATIONS. 4 (1) IN GENERAL.—There is authorized to be 5 appropriated to earry out this section \$75,000,000 6 for the period of fiscal years 2000 and 2001. 7 (2) Program Funding Levels.—All studies 8 and projects undertaken under this authority from 9 Army Civil Works appropriations shall be fully fund-10 ed within the program funding levels provided in this 11 subsection. 12 SEC. 202. SHORE PROTECTION. 13 Section 103(d) of the Water Resources Development Act of 1986 (33 U.S.C. 2213(d)) is amended— 14 15 (1) by striking "Costs of constructing" and in-16 serting the following: 17 "(1) CONSTRUCTION.—Costs of constructing"; 18 and 19 (2) by adding at the end the following: 20 "(2) PERIODIC NOURISHMENT.—In the case of 21 a project authorized for construction after December 22 31, 1999, or for which a feasibility study is com-23 pleted after that date, the non-Federal cost of the

periodic nourishment of projects or measures for

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1	shore protection or beach erosion control shall be 50
2	percent, except that—
3	"(A) all costs assigned to benefits to pri-
4	vately owned shores (where use of such shores
5	is limited to private interests) or to prevention
6	of losses of private land shall be borne by non-
7	Federal interests; and
8	"(B) all costs assigned to the protection of
9	federally owned shores shall be borne by the
10	United States.".
11	SEC. 203. SMALL FLOOD CONTROL AUTHORITY.
12	Section 205 of the Flood Control Act of 1948 (33
13	U.S.C. 701s) is amended—
14	(1) in the first sentence, by striking "construc-
15	tion of small projects" and inserting "implementa-
16	tion of small structural and nonstructural projects";
17	and
18	(2) in the third sentence, by striking
19	<u>"\$5,000,000" and inserting "\$7,000,000".</u>
20	SEC. 204. USE OF NON-FEDERAL FUNDS FOR COMPILING
21	AND DISSEMINATING INFORMATION ON
22	FLOODS AND FLOOD DAMAGES.
23	Section 206(b) of the Flood Control Act of 1960 (33
24	U.S.C. 709a(b)) is amended in the third sentence by in-
25	serting before the period at the end the following: ", but

the Secretary of the Army may accept funds voluntarily 1 contributed by such entities for the purpose of expanding 2 the scope of the services requested by the entities". 3 SEC. 205. EVERGLADES AND SOUTH FLORIDA ECOSYSTEM 4 5 **RESTORATION.** 6 Subparagraphs (B) and (C)(i) of section 528(b)(3) 7 of the Water Resources Development Act of 1996 (110 8 Stat. 3769) are amended by striking "1999" and inserting <u>"2000".</u> 9 10 SEC. 206. AQUATIC ECOSYSTEM RESTORATION. 11 Section 206(c) of the Water Resources Development Act of 1996 (33 U.S.C. 2330(c)) is amended— 12 13 (1) by striking "Construction" and inserting 14 the following: 15 "(1) IN GENERAL.—Construction"; and 16 (2) by adding at the end the following: 17 "(2) NONPROFIT ENTITIES.—Notwithstanding 18 section 221 of the Flood Control Act of 1970 (42 19 U.S.C. 1962d-5b), for any project carried out under 20 this section, a non-Federal interest may include a 21 nonprofit entity, with the consent of the affected 22 local government.".

1 SEC. 207. BENEFICIAL USES OF DREDGED MATERIAL.

2 Section 204 of the Water Resources Development Act
3 of 1992 (33 U.S.C. 2326) is amended by adding at the
4 end the following:

5 "(g) NONPROFIT ENTITIES.—Notwithstanding see6 tion 221 of the Flood Control Act of 1970 (42 U.S.C.
7 1962d-5b), for any project carried out under this section,
8 a non-Federal interest may include a nonprofit entity, with
9 the consent of the affected local government.".

10 SEC. 208. VOLUNTARY CONTRIBUTIONS BY STATES AND PO-11 LITICAL SUBDIVISIONS.

Section 5 of the Act of June 22, 1936 (33 U.S.C.
701h), is amended by inserting "or environmental restoration" after "flood control".

15 SEC. 209. RECREATION USER FEES.

16 (a) WITHHOLDING OF AMOUNTS.

17 (1) IN GENERAL.—During fiscal years 1999 18 through 2002, the Secretary may withhold from the 19 special account established under section 4(i)(1)(A)20 of the Land and Water Conservation Fund Act of 21 1965 (16 U.S.C. 460l-6a(i)(1)(A)) 100 percent of 22 the amount of receipts above a baseline of 23 \$34,000,000 per each fiscal year received from fees imposed at recreation sites under the administrative 24 25 jurisdiction of the Department of the Army under 26 section 4(b) of that Act (16 U.S.C. 460l-6a(b)).

1	(2) USE.—The amounts withheld shall be re-			
2	tained by the Secretary and shall be available, with-			
3	out further Act of appropriation, for expenditure by			
4	the Secretary in accordance with subsection (b).			
5	(3) AVAILABILITY.—The amounts withheld			
6	shall remain available until September 30, 2005.			
7	(b) USE OF AMOUNTS WITHHELD.—In order to in-			
8	crease the quality of the visitor experience at public rec-			
9	reational areas and to enhance the protection of resources,			
10	the amounts withheld under subsection (a) may be used			
11	only for—			
12	(1) repair and maintenance projects (including			
13	projects relating to health and safety);			
13 14	projects relating to health and safety); (2) interpretation;			
14	(2) interpretation;			
14 15	 (2) interpretation; (3) signage; 			
14 15 16	 (2) interpretation; (3) signage; (4) habitat or facility enhancement; 			
14 15 16 17	 (2) interpretation; (3) signage; (4) habitat or facility enhancement; (5) resource preservation; 			
14 15 16 17 18	 (2) interpretation; (3) signage; (4) habitat or facility enhancement; (5) resource preservation; (6) annual operation (including fee collection); 			
14 15 16 17 18 19	 (2) interpretation; (3) signage; (4) habitat or facility enhancement; (5) resource preservation; (6) annual operation (including fee collection); (7) maintenance; and 			
 14 15 16 17 18 19 20 	 (2) interpretation; (3) signage; (4) habitat or facility enhancement; (5) resource preservation; (6) annual operation (including fee collection); (7) maintenance; and (8) law enforcement related to public use. 			
 14 15 16 17 18 19 20 21 	 (2) interpretation; (3) signage; (4) habitat or facility enhancement; (5) resource preservation; (6) annual operation (including fee collection); (7) maintenance; and (8) law enforcement related to public use. (e) AVAILABILITY.—Each amount withheld by the 			

1 SEC. 210. WATER RESOURCES DEVELOPMENT STUDIES FOR 2 THE PACIFIC REGION. 3 Section 444 of the Water Resources Development Act of 1996 (110 Stat. 3747) is amended by striking "interest 4 5 of navigation" and inserting "interests of water resources development (including navigation, flood damage reduc-6 7 tion, and environmental restoration)". 8 SEC. 211. MISSOURI AND MIDDLE MISSISSIPPI RIVERS EN-9 HANCEMENT PROJECT. 10 (a) DEFINITIONS.—In this section: 11 (1) MIDDLE MISSISSIPPI RIVER.—The term 12 "middle Mississippi River" means the reach of the 13 Mississippi River from the mouth of the Ohio River 14 (river mile 0, upper Mississippi River) to the mouth of the Missouri River (river mile 195). 15 (2) MISSOURI RIVER.—The term "Missouri 16 17 River" means the main stem and floodplain of the 18 Missouri River (including reservoirs) from its con-19 fluence with the Mississippi River at St. Louis, Mis-20 souri, to its headwaters near Three Forks, Montana. 21 (3) PROJECT.—The term "project" means the 22 project authorized by this section. 23 (b) PROTECTION AND ENHANCEMENT ACTIVITIES.— 24 (1) PLAN. (A) DEVELOPMENT.-Not later than 180 25 26 days after the date of enactment of this Act, •S 507 RS

1	the Secretary shall develop a plan for a project
2	to protect and enhance fish and wildlife habitat
3	of the Missouri River and the middle Mis-
4	sissippi River.
5	(B) ACTIVITIES.—
6	(i) IN GENERAL.—The plan shall pro-
7	vide for such activities as are necessary to
8	protect and enhance fish and wildlife habi-
9	tat without adversely affecting—
10	(I) the water-related needs of the
11	region surrounding the Missouri River
12	and the middle Mississippi River, in-
13	cluding flood control, navigation,
14	recreation, and enhancement of water
15	supply; and
16	(II) private property rights.
17	(ii) Required Activities.—The plan
18	shall include—
19	(I) modification and improvement
20	of navigation training structures to
21	protect and enhance fish and wildlife
22	habitat;
23	(II) modification and creation of
24	side channels to protect and enhance
25	fish and wildlife habitat;

- 761 (III) restoration and creation of 2 island fish and wildlife habitat; 3 (IV) creation of riverine fish and 4 wildlife habitat; 5 (V) establishment of criteria for 6 prioritizing the type and sequencing of 7 activities based on cost-effectiveness 8 and likelihood of success; and 9 (VI) physical and biological moni-10 toring for evaluating the success of 11 the project, to be performed by the 12 River Studies Center of the United 13 States Geological Survey in Columbia, 14 Missouri. 15 (2) Implementation of activities. 16 (A) IN GENERAL.—Using funds made 17 available to carry out this section, the Secretary
 - available to carry out this section, the Secretary shall carry out the activities described in the plan.

20 (B) USE OF EXISTING AUTHORITY FOR
21 UNCONSTRUCTED FEATURES OF THE
22 PROJECT.—Using funds made available to the
23 Secretary under other law, the Secretary shall
24 design and construct any feature of the project
25 that may be carried out using the authority of

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19

1	the Secretary to modify an authorized project,
2	if the Secretary determines that the design and
3	construction will—
4	(i) accelerate the completion of activi-
5	ties to protect and enhance fish and wild-
6	life habitat of the Missouri River or the
7	middle Mississippi River; and
8	(ii) be compatible with the project
9	purposes described in this section.
10	(c) INTEGRATION OF OTHER ACTIVITIES.—
11	(1) IN GENERAL.—In carrying out the activities
12	described in subsection (b), the Secretary shall inte-
13	grate the activities with other Federal, State, and
14	tribal activities.
15	(2) NEW AUTHORITY.—Nothing in this section
16	confers any new regulatory authority on any Federal
17	or non-Federal entity that carries out any activity
18	authorized by this section.
19	(d) PUBLIC PARTICIPATION.—In developing and car-
20	rying out the plan and the activities described in sub-
21	section (b), the Secretary shall provide for public review
22	and comment in accordance with applicable Federal law,
23	including—
24	(1) providing advance notice of meetings;

1	(2) providing adequate opportunity for public
2	input and comment;
3	(3) maintaining appropriate records; and
4	(4) compiling a record of the proceedings of
5	meetings.
6	(e) Compliance With Applicable Law.—In ear-
7	rying out the activities described in subsections (b) and
8	(c), the Secretary shall comply with any applicable Federal
9	law, including the National Environmental Policy Act of
10	1969 (42 U.S.C. 4321 et seq.).
11	(f) Cost Sharing.—
12	(1) Non-Federal share.—The non-Federal
13	share of the cost of the project shall be 35 percent.
14	(2) Federal share.—The Federal share of
15	the cost of any 1 activity described in subsection (b)
16	shall not exceed \$5,000,000.
17	(3) Operation and maintenance.—The op-
18	eration and maintenance of the project shall be a
19	non-Federal responsibility.
20	(g) Authorization of Appropriations.—There is
21	authorized to be appropriated to pay the Federal share
22	of the cost of carrying out activities under this section
23	\$30,000,000 for the period of fiscal years 2000 and 2001.

1 SEC. 212. OUTER CONTINENTAL SHELF.

(a) SAND, GRAVEL, AND SHELL. Section 8(k)(2)(B)
of the Outer Continental Shelf Lands Act (43 U.S.C.
1337(k)(2)(B)) is amended in the second sentence by inserting before the period at the end the following: "or any
other non-Federal interest subject to an agreement entered into under section 221 of the Flood Control Act of
1970 (42 U.S.C. 1962d-5b)".

9 (b) REIMBURSEMENT FOR LOCAL INTERESTS.—Any 10 amounts paid by non-Federal interests for beach erosion 11 control, hurricane protection, shore protection, or storm 12 damage reduction projects as a result of an assessment 13 under section 8(k) of the Outer Continental Shelf Lands 14 Act (43 U.S.C. 1337(k)) shall be fully reimbursed.

15 SEC. 213. ENVIRONMENTAL DREDGING.

16 Section 312(f) of the Water Resources Development
17 Act of 1990 (33 U.S.C. 1272(f)) is amended by adding
18 at the end the following:

19 <u>"(6)</u> Snake Creek, Bixby, Oklahoma.".

20 SEC. 214. BENEFIT OF PRIMARY FLOOD DAMAGES AVOIDED

21 INCLUDED IN BENEFIT-COST ANALYSIS.

Section 308 of the Water Resources Development Act
of 1990 (33 U.S.C. 2318) is amended—

24 (1) in the heading of subsection (a), by striking
25 "BENEFIT-COST ANALYSIS" and inserting "ELE-

1	ments Excluded From Cost-Benefit Anal-			
2	YSIS'';			
3	(2) by redesignating subsections (b) through (c)			
4	as subsections (c) through (f), respectively;			
5	(3) by inserting after subsection (a) the fol-			
6	lowing:			
7	"(b) Elements Included in Cost-Benefit Anal			
8	YSIS.—The Secretary shall include primary flood damages			
9	avoided in the benefit base for justifying Federal non-			
10	structural flood damage reduction projects."; and			
11	(4) in the first sentence of subsection (e) (as re-			
12	designated by paragraph (2)), by striking "(b)" and			
13	inserting "(d)".			
14	SEC. 215. CONTROL OF AQUATIC PLANT GROWTH.			
15	Section 104(a) of the River and Harbor Act of 1958			
16	(33 U.S.C. 610(a)) is amended—			
17	(1) by inserting "Arundo dona," after "water-			
18	hyacinth,"; and			
19	(2) by inserting "tarmarix" after "melaleuca".			
20	SEC. 216. ENVIRONMENTAL INFRASTRUCTURE.			
21	Section 219(c) of the Water Resources Development			
22	Act of 1992 (106 Stat. 4835) is amended by adding at			
23	the end the following:			

1	"(19) Lake tahoe, california and ne-
2	VADA.—Regional water system for Lake Tahoe,
3	California and Nevada.
4	"(20) Lancaster, California.—Fox Field In-
5	dustrial Corridor water facilities, Lancaster, Cali-
6	fornia.
7	"(21) San Ramon, California.—San Ramon
8	Valley recycled water project, San Ramon, Cali-
9	fornia.".
10	SEC. 217. WATERSHED MANAGEMENT, RESTORATION, AND
11	DEVELOPMENT.
12	Section 503 of the Water Resources Development Act
13	of 1996 (110 Stat. 3756) is amended—
14	(1) in subsection (d) —
15	(Λ) by striking paragraph (10) and insert-
16	ing the following:
17	"(10) Regional Atlanta Watershed, Atlanta,
18	Georgia, and Lake Lanier of Forsyth and Hall
19	Counties, Georgia."; and
20	(B) by adding at the end the following:
21	"(14) Clear Lake watershed, California.
22	"(15) Fresno Slough watershed, California.
23	"(16) Hayward Marsh, Southern San Francisco
24	Bay watershed, California.
25	"(17) Kaweah River watershed, California.

1	"(18) Lake Tahoe watershed, California and
2	Nevada.
3	"(19) Malibu Creek watershed, California.
4	"(20) Truckee River basin, Nevada.
5	"(21) Walker River basin, Nevada.
6	"(22) Bronx River watershed, New York.
7	"(23) Catawba River watershed, North Caro-
8	lina.";
9	(2) by redesignating subsection (e) as sub-
10	section (f); and
11	(3) by inserting after subsection (d) the fol-
12	lowing:
13	"(e) Nonprofit Entities.—Notwithstanding sec-
14	tion 221(b) of the Flood Control Act of 1970 (42 U.S.C.
15	1962d-5b(b)), for any project undertaken under this see-
16	tion, with the consent of the affected local government,
17	a non-Federal interest may include a nonprofit entity.".
18	SEC. 218. LAKES PROGRAM.
19	Section 602(a) of the Water Resources Development
20	Act of 1986 (100 Stat. 4148) is amended—
21	(1) in paragraph (15), by striking "and" at the
22	end;
23	(2) in paragraph (16) , by striking the period at
24	the end; and
25	(3) by adding at the end the following:

1	"(17) Clear Lake, Lake County, California, re-		
2	moval of silt and aquatic growth and development of		
3	a sustainable weed and algae management program;		
4	"(18) Flints Pond, Hollis, New Hampshire, re-		
5	moval of excessive aquatic vegetation; and		
6	"(19) Osgood Pond, Milford, New Hampshire,		
7	removal of excessive aquatic vegetation.".		
8	SEC. 219. SEDIMENTS DECONTAMINATION POLICY.		
9	Section 405 of the Water Resources Development Act		
10	of 1992 (33 U.S.C. 2239 note; Public Law 102-580) is		
11	amended—		
12	(1) in subsection (a), by adding at the end the		
13	following:		
14	"(4) PRACTICAL END-USE PRODUCTS.—Tech-		
15	nologies selected for demonstration at the pilot scale		
16	shall result in practical end-use products.		
17	"(5) Assistance by the secretary.—The		
18	Secretary shall assist the project to ensure expedi-		
19	tious completion by providing sufficient quantities of		
20	contaminated dredged material to conduct the full-		
21	scale demonstrations to stated capacity."; and		
22	(2) in subsection (c) , by striking the first sen-		
23	tence and inserting the following: "There is author-		
24	ized to be appropriated to earry out this section a		
25	total of \$22,000,000 to complete technology testing,		

technology commercialization, and the development
 of full scale processing facilities within the New
 York/New Jersey Harbor.".

4 SEC. 220. DISPOSAL OF DREDGED MATERIAL ON BEACHES.

5 (a) IN GENERAL.—Section 145 of the Water Re-6 sources Development Act of 1976 (33 U.S.C. 426j) is 7 amended in the first sentence by striking "50" and insert-8 ing "35".

9 (b) GREAT LAKES BASIN.—The Secretary shall work 10 with the State of Ohio, other Great Lakes States, and po-11 litical subdivisions of the States to fully implement and 12 maximize beneficial reuse of dredged material as provided 13 under section 145 of the Water Resources Development 14 Act of 1976 (33 U.S.C. 426j).

15 SEC. 221. FISH AND WILDLIFE MITIGATION.

16 Section 906(e) of the Water Resources Development 17 Act of 1986 (33 U.S.C. 2283(e)) is amended by inserting 18 after the second sentence the following: "Not more than 19 80 percent of the non-Federal share of such first costs 20 may be in kind, including a facility, supply, or service that 21 is necessary to carry out the enhancement project.".

22 SEC. 222. REIMBURSEMENT OF NON-FEDERAL INTEREST.

23 Section 211(e)(2)(A) of the Water Resources Devel24 opment Act of 1996 (33 U.S.C. 701b-13(e)(2)(A)) is
25 amended by striking "subject to amounts being made

available in advance in appropriations Acts" and inserting
 "subject to the availability of appropriations".

3 SEC. 223. NATIONAL CONTAMINATED SEDIMENT TASK 4 FORCE.

5 (a) DEFINITION OF TASK FORCE.—In this section, 6 the term "Task Force" means the National Contaminated 7 Sediment Task Force established by section 502 of the 8 National Contaminated Sediment Assessment and Man-9 agement Act (33 U.S.C. 1271 note; Public Law 102–580). 10 (b) CONVENING.—The Secretary and the Adminis-11 trator shall convene the Task Force not later than 90 days

12 after the date of enactment of this Act.

13 (c) Reporting on Remedial Action.—

14 (1) IN GENERAL.—Not later than 1 year after
15 the date of enactment of this Act, the Task Force
16 shall submit to Congress a report on the status of
17 remedial actions at aquatic sites in the areas de18 seribed in paragraph (2).

19 (2) AREAS.—The report under paragraph (1)
20 shall address remedial actions in—

21 (A) areas of probable concern identified in
22 the survey of data regarding aquatic sediment
23 quality required by section 503(a) of the Na24 tional Contaminated Sediment Assessment and
25 Management Act (33 U.S.C. 1271);

1	(B) areas of concern within the Great
2	Lakes, as identified under section 118(f) of the
3	Federal Water Pollution Control Act (33 U.S.C.
4	$\frac{1268(f)}{;}$
5	(C) estuaries of national significance iden-
6	tified under section 320 of the Federal Water
7	Pollution Control Act (33 U.S.C. 1330);
8	(D) areas for which remedial action has
9	been authorized under any of the Water Re-
10	sources Development Acts; and
11	(E) as appropriate, any other areas where
12	sediment contamination is identified by the
13	Task Force.
14	(3) ACTIVITIES.—Remedial actions subject to
15	reporting under this subsection include remedial ac-
16	tions under—
17	(A) the Comprehensive Environmental Re-
18	sponse, Compensation, and Liability Act of
19	1980 (42 U.S.C. 9601 et seq.) or other Federal
20	or State law containing environmental remedi-
21	ation authority;
22	(B) any of the Water Resources Develop-
23	ment Acts;
24	(C) section 404 of the Federal Water Pol-

25 lution Control Act (33 U.S.C. 1344); or

1	(D) section 10 of the Act of March 3,
2	1899 (30 Stat. 1151, chapter 425).
3	(4) CONTENTS.—The report under paragraph
4	(1) shall provide, with respect to each remedial ac-
5	tion described in the report, a description of—
6	(Λ) the authorities and sources of funding
7	for conducting the remedial action;
8	(B) the nature and sources of the sediment
9	contamination, including volume and concentra-
10	tion, where appropriate;
11	(C) the testing conducted to determine the
12	nature and extent of sediment contamination
13	and to determine whether the remedial action is
14	necessary;
15	(D) the action levels or other factors used
16	to determine that the remedial action is nec-
17	essary;
18	(E) the nature of the remedial action
19	planned or undertaken, including the levels of
20	protection of public health and the environment
21	to be achieved by the remedial action;
22	(F) the ultimate disposition of any mate-
23	rial dredged as part of the remedial action;

1	(G) the status of projects and the obstacles
2	or barriers to prompt conduct of the remedial
3	action; and
4	(H) contacts and sources of further infor-
5	mation concerning the remedial action.
6 8	SEC. 224. GREAT LAKES BASIN PROGRAM.
7	(a) Strategic Plans.—
8	(1) IN GENERAL.—Not later than 18 months
9	after the date of enactment of this Act, and every
10	2 years thereafter, the Secretary shall report to Con-
11	gress on a plan for programs of the Corps of Engi-
12	neers in the Great Lakes basin.
13	(2) CONTENTS.—The plan shall include details
14	of the projected environmental and navigational
15	projects in the Great Lakes basin, including—
16	(A) navigational maintenance and oper-
17	ations for commercial and recreational vessels;
18	(B) environmental restoration activities;
19	(C) water level maintenance activities;
20	(D) technical and planning assistance to
21	States and remedial action planning commit-
22	tees;
23	(E) sediment transport analysis, sediment
24	management planning, and activities to support
25	prevention of excess sediment loadings;

1		(F) flood damage reduction and shoreline
2		erosion prevention;
3		(G) all other activities of the Corps of En-
4		gineers; and
5		(H) an analysis of factors limiting use of
6		programs and authorities of the Corps of Engi-
7		neers in existence on the date of enactment of
8		this Act in the Great Lakes basin, including the
9		need for new or modified authorities.
10	(b)	GREAT LAKES BIOHYDROLOGICAL INFORMA-
11	TION.	
12		(1) INVENTORY.—
13		(A) IN GENERAL.—Not later than 90 days
14		after the date of enactment of this Act, the See-
15		retary shall request each Federal agency that
16		may possess information relevant to the Great
17		Lakes biohydrological system to provide an in-
18		ventory of all such information in the posses-
19		sion of the agency.
20		(B) Relevant information.—For the
21		purpose of subparagraph (A), relevant informa-
22		tion includes information on—
23		(i) ground and surface water hydrol-
24		ogy;

1	(ii) natural and altered tributary dy-
2	namics;
3	(iii) biological aspects of the system
4	influenced by and influencing water quan-
5	tity and water movement;
6	(iv) meteorological projections and
7	weather impacts on Great Lakes water lev-
8	els; and
9	(v) other Great Lakes biohydrological
10	system data relevant to sustainable water
11	use management.
12	(2) Report.—
13	(A) IN GENERAL.—Not later than 18
14	months after the date of enactment of this Act,
15	the Secretary, in consultation with the States,
16	Indian tribes, and Federal agencies, and after
17	requesting information from the provinces and
18	the federal government of Canada, shall—
19	(i) compile the inventories of informa-
20	tion;
21	(ii) analyze the information for con-
22	sistency and gaps; and
23	(iii) submit to Congress, the Inter-
24	national Joint Commission, and the Great
25	Lakes States a report that includes rec-

1	ommendations on ways to improve the in-
2	formation base on the biohydrological dy-
3	namics of the Great Lakes ecosystem as a
4	whole, so as to support environmentally
5	sound decisions regarding diversions and
6	consumptive uses of Great Lakes water.
7	(B) RECOMMENDATIONS.—The rec-
8	ommendations in the report under subpara-
9	graph (A) shall include recommendations relat-
10	ing to the resources and funds necessary for
11	implementing improvement of the information
12	base.
13	(C) CONSIDERATIONS.—In developing the
14	report under subparagraph (A), the Secretary,
15	in cooperation with the Secretary of State, the
16	Secretary of Transportation, and other relevant
17	agencies as appropriate, shall consider and re-
18	port on the status of the issues described and
19	recommendations made in—
20	(i) the Report of the International
21	Joint Commission to the Governments of
22	the United States and Canada under the
23	1977 reference issued in 1985; and
24	(ii) the 1993 Report of the Inter-

25 national Joint Commission to the Govern-

1	ments of Canada and the United States on
2	Methods of Alleviating Adverse Con-
3	sequences of Fluctuating Water Levels in
4	the Great Lakes St. Lawrence Basin.
5	(c) Great Lakes Recreational Boating.—Not
6	later than 18 months after the date of enactment of this
7	Act, the Secretary shall, using information and studies in
8	existence on the date of enactment of this Act to the max-

12 Lakes basin, particularly at harbors benefiting from oper13 ation and maintenance projects of the Corps of Engineers.
14 (d) COOPERATION.—In undertaking activities under
15 this section, the Secretary shall—

imum extent practicable, and in cooperation with the

Great Lakes States, submit to Congress a report detailing

the economic benefits of recreational boating in the Great

16 (1) encourage public participation; and

17 (2) cooperate, and, as appropriate, collaborate,
18 with Great Lakes States, tribal governments, and
19 Canadian federal, provincial, tribal governments.

20 (e) WATER USE ACTIVITIES AND POLICIES.—The
21 Secretary may provide technical assistance to the Great
22 Lakes States to develop interstate guidelines to improve
23 the consistency and efficiency of State-level water use ac24 tivities and policies in the Great Lakes basin.

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1	(f) Cost Sharing.—The Secretary may seek and ac-
2	cept funds from non-Federal entities to be used to pay
3	up to 25 percent of the cost of carrying out subsections
4	(b), (c), (d), and (e).
5	SEC. 225. PROJECTS FOR IMPROVEMENT OF THE ENVIRON-
6	MENT.
7	Section 1135(c) of the Water Resources Development
8	Act of 1986 (33 U.S.C. 2309a(c)) is amended—
9	(1) by striking "The Secretary" and inserting
10	the following:
11	"(1) IN GENERAL.—The Secretary"; and
12	(2) by adding at the end the following:
13	"(2) Control of sea lamprey.—Congress
14	finds that—
15	${(A)}$ the Great Lakes navigation system
16	has been instrumental in the spread of sea lam-
17	prey and the associated impacts to its fishery;
18	and
19	"(B) the use of the authority under this
20	subsection for control of sea lamprey at any
21	Great Lakes basin location is appropriate.".

1	SEC. 226. WATER QUALITY, ENVIRONMENTAL QUALITY,
2	RECREATION, FISH AND WILDLIFE, FLOOD
3	CONTROL, AND NAVIGATION.
4	(a) IN GENERAL.—The Secretary may investigate,
5	study, evaluate, and report on—
6	(1) water quality, environmental quality, recre-
7	ation, fish and wildlife, flood control, and navigation
8	in the western Lake Erie watershed, including the

9 watersheds of the Maumee River, Ottawa River, and
10 Portage River in the States of Indiana, Ohio, and
11 Michigan; and

12 (2) measures to improve water quality, environ-13 mental quality, recreation, fish and wildlife, flood 14 control, and navigation in the western Lake Erie 15 basin.

16 (b) COOPERATION.—In carrying out studies and in-17 vestigations under subsection (a), the Secretary shall co-18 operate with Federal, State, and local agencies and non-19 governmental organizations to ensure full consideration of 20 all views and requirements of all interrelated programs 21 that those agencies may develop independently or in co-22 ordination with the Corps of Engineers.

23 SEC. 227. IRRIGATION DIVERSION PROTECTION AND FISH-

24 ERIES ENHANCEMENT ASSISTANCE.

25 The Secretary may provide technical planning and
26 design assistance to non-Federal interests and may con-

duct other site-specific studies to formulate and evaluate 1 fish screens, fish passages devices, and other measures to 2 decrease the incidence of juvenile and adult fish inadvert-3 4 ently entering into irrigation systems. Measures shall be 5 developed in cooperation with Federal and State resource agencies and not impair the continued withdrawal of water 6 7 for irrigation purposes. In providing such assistance pri-8 ority shall be given based on the objectives of the Endan-9 gered Species Act, cost-effectiveness, and the potential for 10 reducing fish mortality. Non-Federal interests shall agree by contract to contribute 50 percent of the cost of such 11 assistance. Not more than one-half of such non-Federal 12 contribution may be made by the provision of services, ma-13 terials, supplies, or other in-kind services. No construction 14 15 activities are authorized by this section. Not later than 2 years after the date of enactment of this section, the 16 Secretary shall report to Congress on fish mortality caused 17 by irrigation water intake devices, appropriate measures 18 to reduce mortality, the extent to which such measures 19 20 are currently being employed in the arid States, the con-21 struction costs associated with such measures, and the ap-22 propriate Federal role, if any, to encourage the use of such 23 measures.

1	SO SEC. 228. SMALL STORM DAMAGE REDUCTION PROJECTS.
2	Section 3 of the Act of August 13, 1946 (33 U.S.C.
3	426g), is amended by striking "\$2,000,000" and inserting
4	``\$3,000,000''.
5	SEC. 229. SHORE DAMAGE PREVENTION OR MITIGATION.
6	Section 111 of the River and Harbor Act of 1968
7	(33 U.S.C. 426(i)) is amended—
8	(1) in the first sentence, by striking "The Sec-
9	retary" and inserting "(a) IN GENERAL.—The Sec-
10	retary";
11	(2) in the second sentence, by striking "The
12	costs" and inserting the following:
13	"(b) Cost Sharing.—The costs";
14	(3) in the third sentence—
15	(A) by striking "No such" and inserting
16	the following:
17	"(c) Requirement for Specific Authoriza-
18	TION.—No such"; and
19	(B) by striking "\$2,000,000" and insert-
20	ing <u>"\$5,000,000";</u> and
21	(4) by adding at the end the following:
22	"(d) COORDINATION.—The Secretary shall—
23	$\frac{((1))}{(1)}$ coordinate the implementation of the
24	measures under this section with other Federal and
25	non-Federal shore protection projects in the same
26	geographic area; and
	•S 507 BS

1 $\frac{(2)}{(2)}$ to the extent practicable, combine mitiga-2 tion projects with other shore protection projects in 3 the same area into a comprehensive regional 4 project.". TITLE III—PROJECT-RELATED 5 **PROVISIONS** 6 7 SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF 8 **RHODE ISLAND.** 9 The Secretary may acquire for the State of Rhode 10 Island a dredge and associated equipment with the capaeity to dredge approximately 100 cubic yards per hour for 11 12 use by the State in dredging salt ponds in the State. 13 SEC. 302. UPPER SUSQUEHANNA RIVER BASIN, PENNSYL-14 VANIA AND NEW YORK. 15 Section 567(a) of the Water Resources Development Act of 1996 (110 Stat. 3787) is amended by adding at 16 the end the following: 17 18 "(3) The Chemung River watershed, New York, 19 at an estimated Federal cost of \$5,000,000.". 20 SEC. 303. SMALL FLOOD CONTROL PROJECTS. 21 Section 102 of the Water Resources Development Act 22 of 1996 (110 Stat. 3668) is amended-23 (1) by redesignating paragraphs (15) through 24 (22) as paragraphs (16) through (23), respectively;

1	(2) by inserting after paragraph (14) the fol-
2	lowing:
3	${}$ (15) Repaupo creek and delaware river,
4	GLOUCESTER COUNTY, NEW JERSEY.—Project for
5	tidegate and levee improvements for Repaupo Creek
6	and the Delaware River, Gloucester County, New
7	Jersey."; and
8	(3) by adding at the end the following:
9	"(24) Irondequoit creek, new york.
10	Project for flood control, Irondequoit Creek water-
11	shed, New York.
12	"(25) Tioga county, pennsylvania.—Project
13	for flood control, Tioga River and Cowanesque River
14	and their tributaries, Tioga County, Pennsylvania.".
15	SEC. 304. SMALL NAVIGATION PROJECTS.
16	Section 104 of the Water Resources Development Act
17	of 1996 (110 Stat. 3669) is amended—
18	(1) by redesignating paragraphs (9) through
19	(12) as paragraphs (10) through (13), respectively;
20	and
21	(2) by inserting after paragraph (8) the fol-
22	lowing:
23	${}$ (9) Fortescue inlet, delaware bay, new
24	JERSEY.—Project for navigation for Fortescue Inlet,
25	Delaware Bay, New Jersey.".

1 SEC. 305. STREAMBANK PROTECTION PROJECTS.

2 (a) ARCTIC OCEAN, BARROW, ALASKA.—The Seeretary shall evaluate and, if justified under section 14 of 3 the Flood Control Act of 1946 (33 U.S.C. 701r), earry 4 5 out storm damage reduction and coastal erosion measures at the town of Barrow, Alaska. 6

7 (b) SAGINAW RIVER, BAY CITY, MICHIGAN.—The 8 Secretary may construct appropriate control structures in 9 areas along the Saginaw River in the city of Bay City, 10 Michigan, under authority of section 14 of the Flood Control Act of 1946 (33 Stat. 701r). 11

12 (c) Yellowstone River, Billings, Montana.-The streambank protection project at Coulson Park, along 13 the Yellowstone River, Billings, Montana, shall be eligible 14 for assistance under section 14 of the Flood Control Act 15 of 1946 (33 U.S.C. 701r). 16

17 (d) MONONGAHELA RIVER, POINT MARION, PENN-SYLVANIA.—The Secretary shall evaluate and, if justified 18 under section 14 of the Flood Control Act of 1946 (33 19 U.S.C. 701r), carry out streambank erosion control meas-20 ures along the Monongahela River at the borough of Point 21 22 Marion, Pennsylvania.

23 SEC. 306. AQUATIC ECOSYSTEM RESTORATION, SPRING-24

FIELD, OREGON.

(a) IN GENERAL.—Under section 1135 of the Water 25 Resources Development Act of 1990 (33 Stat. 2309a) or 26 •S 507 RS

1 other applicable authority, the Secretary shall conduct measures to address water quality, water flows and fish 2 habitat restoration in the historic Springfield, Oregon, 3 millrace through the reconfiguration of the existing 4 millpond, if the Secretary determines that harmful im-5 pacts have occurred as the result of a previously con-6 7 structed flood control project by the Corps of Engineers. 8 (b) Non-Federal Share.—The non-Federal share, 9 excluding lands, easements, rights-of-way, dredged mate-10 rial disposal areas, and relocations, shall be 25 percent. 11 (c) AUTHORIZATION OF APPROPRIATIONS.—There is 12 authorized to be appropriated to earry out this section 13 \$1,500,000.

14 SEC. 307. GUILFORD AND NEW HAVEN, CONNECTICUT.

15 The Secretary shall expeditiously complete the activi-16 ties authorized under section 346 of the Water Resources 17 Development Act of 1992 (106 Stat. 4858), including ac-18 tivities associated with Sluice Creek in Guilford, Con-19 necticut, and Lighthouse Point Park in New Haven, Con-20 necticut.

21 SEC. 308. FRANCIS BLAND FLOODWAY DITCH.

(a) REDESIGNATION.—The project for flood control,
Eight Mile Creek, Paragould, Arkansas, authorized by section 401(a) of the Water Resources Development Act of
1986 (100 Stat. 4112) and known as "Eight Mile Creek,

Paragould, Arkansas", shall be known and designated as
 the "Francis Bland Floodway Ditch".

3 (b) LEGAL REFERENCES.—Any reference in any law,
4 map, regulation, document, paper, or other record of the
5 United States to the project and creek referred to in sub6 section (a) shall be deemed to be a reference to the
7 Francis Bland Floodway Ditch.

8 SEC. 309. CALOOSAHATCHEE RIVER BASIN, FLORIDA.

9 Section 528(e)(4) of the Water Resources Develop-10 ment Act of 1996 (110 Stat. 3770) is amended in the first 11 sentence by inserting before the period at the end the fol-12 lowing: ", including potential land acquisition in the 13 Caloosahatchee River basin or other areas".

14 SEC. 310. CUMBERLAND, MARYLAND, FLOOD PROJECT15MITIGATION.

16 (a) IN GENERAL.—The project for flood control and 17 other purposes, Cumberland, Maryland, authorized by seetion 5 of the Act of June 22, 1936 (commonly known as 18 the "Flood Control Act of 1936") (49 Stat. 1574, chapter 19 20 688), is modified to authorize the Secretary to undertake, as a separate part of the project, restoration of the historic 21 22 Chesapeake and Ohio Canal substantially in accordance with the Chesapeake and Ohio Canal National Historie 23 24 Park, Cumberland, Maryland, Rewatering Design Anal-25 ysis, dated February 1998, at a total cost of \$15,000,000,

with an estimated Federal cost of \$9,750,000 and an esti mated non-Federal cost of \$5,250,000.

3 (b) IN-KIND SERVICES. The non-Federal interest
4 for the restoration project under subsection (a)—

5 (1) may provide all or a portion of the non-Fed6 eral share of project costs in the form of in-kind
7 services; and

8 (2) shall receive credit toward the non-Federal 9 share of project costs for design and construction 10 work performed by the non-Federal interest before 11 execution of a project cooperation agreement and for 12 land, casements, and rights-of-way required for the 13 restoration and acquired by the non-Federal interest 14 before execution of such an agreement.

(c) OPERATION AND MAINTENANCE. The operation
and maintenance of the restoration project under subsection (a) shall be the full responsibility of the National
Park Service.

19 SEC. 311. CITY OF MIAMI BEACH, FLORIDA.

Section 5(b)(3)(C)(i) of the Act of August 13, 1946
(33 U.S.C. 426h), is amended by inserting before the
semicolon the following: ", including the city of Miami
Beach, Florida".

103

1 SEC. 312. SARDIS RESERVOIR, OKLAHOMA.

2 (a) IN GENERAL.—The Secretary shall accept from 3 the State of Oklahoma or an agent of the State an amount, as determined under subsection (b), as prepay-4 5 ment of 100 percent of the water supply cost obligation of the State under Contract No. DACW56-74-JC-0314 6 7 for water supply storage at Sardis Reservoir, Oklahoma. 8 (b) DETERMINATION OF AMOUNT.—The amount to 9 be paid by the State of Oklahoma under subsection (a) shall be subject to adjustment in accordance with accepted 10 discount purchase methods for Government properties as 11 determined by an independent accounting firm designated 12 by the Director of the Office of Management and Budget. 13 14 (c) EFFECT.—Nothing in this section shall otherwise affect any of the rights or obligations of the parties to 15 the contract referred to in subsection (a). 16 17 SEC. 313. UPPER MISSISSIPPI RIVER AND ILLINOIS WATER-18 WAY SYSTEM NAVIGATION MODERNIZATION. 19 (a) FINDINGS.—Congress finds that— 20(1) exports are necessary to ensure job creation 21 and an improved standard of living for the people of 22 the United States:

23 (2) the ability of producers of goods in the
24 United States to compete in the international mar25 ketplace depends on a modern and efficient trans26 portation network;

(3) a modern and efficient waterway system is
 a transportation option necessary to provide United
 States shippers a safe, reliable, and competitive
 means to win foreign markets in an increasingly
 competitive international marketplace;

6 (4) the need to modernize is heightened because 7 the United States is at risk of losing its competitive 8 edge as a result of the priority that foreign competi-9 tors are placing on modernizing their own waterway 10 systems;

11 (5) growing export demand projected over the 12 coming decades will force greater demands on the 13 waterway system of the United States and increase 14 the cost to the economy if the system proves inad-15 equate to satisfy growing export opportunities;

16 (6) the locks and dams on the upper Mississippi
17 River and Illinois River waterway system were built
18 in the 1930s and have some of the highest average
19 delays to commercial tows in the country;

20 (7) inland barges carry freight at the lowest
21 unit cost while offering an alternative to truck and
22 rail transportation that is environmentally sound, is
23 energy efficient, is safe, causes little congestion, pro24 duces little air or noise pollution, and has minimal
25 social impact; and

(8) it should be the policy of the Corps of Engi neers to pursue aggressively modernization of the
 waterway system authorized by Congress to promote
 the relative competitive position of the United States
 in the international marketplace.

6 (b) PRECONSTRUCTION ENGINEERING AND DE-7 SIGN.—In accordance with the Upper Mississippi River-8 Illinois Waterway System Navigation Study, the Secretary 9 shall proceed immediately to prepare engineering design, 10 plans, and specifications for extension of locks 20, 21, 22, 24, 25 on the Mississippi River and the LaGrange and 11 12 Peoria Locks on the Illinois River, to provide lock chambers 110 feet in width and 1,200 feet in length, so that 13 construction can proceed immediately upon completion of 14 15 studies and authorization of projects by Congress.

16 SEC. 314. UPPER MISSISSIPPI RIVER MANAGEMENT.

17 Section 1103 of the Water Resources Development
18 Act of 1986 (33 U.S.C. 652) is amended—

- 19 (1) in subsection (e)
- 20 (A) by striking "(e)" and all that follows
 21 through the end of paragraph (2) and inserting
 22 the following:
- 23 "(e) UNDERTAKINGS.
- 24 $\frac{((1))}{(1)}$ IN GENERAL.

1	"(A) AUTHORITY.—The Secretary, in con-
2	sultation with the Secretary of the Interior and
3	the States of Illinois, Iowa, Minnesota, Mis-
4	souri, and Wisconsin, is authorized to
5	undertake
6	"(i) a program for the planning, con-
7	struction, and evaluation of measures for
8	fish and wildlife habitat rehabilitation and
9	enhancement; and
10	"(ii) implementation of a program of
11	long-term resource monitoring, computer-
12	ized data inventory and analysis, and ap-
13	plied research.
14	"(B) Requirements for projects.—
15	Each project carried out under subparagraph
16	(A)(i) shall—
17	"(i) to the maximum extent prac-
18	ticable, simulate natural river processes;
19	"(ii) include an outreach and edu-
20	cation component; and
21	"(iii) on completion of the assessment
22	under subparagraph (D), address identified
23	habitat and natural resource needs.
24	"(C) Advisory committee.—In carrying
25	out subparagraph (A), the Secretary shall cre-

1 ate an independent technical advisory com-2 mittee to review projects, monitoring plans, and 3 habitat and natural resource needs assessments. 4 "(D) HABITAT AND NATURAL RESOURCE NEEDS ASSESSMENT. 5 6 "(i) AUTHORITY.—The Secretary is 7 authorized to undertake a systemic, river 8 reach, and pool scale assessment of habitat 9 and natural resource needs to serve as a 10 blueprint to guide habitat rehabilitation 11 and long-term resource monitoring. "(ii) DATA.—The habitat and natural 12 13 resource needs assessment shall, to the 14 maximum extent practicable, use data in 15 existence at the time of the assessment. "(iii) TIMING.—The Secretary shall 16 17 complete a habitat and natural resource 18 needs assessment not later than 3 years 19 after the date of enactment of this sub-20 paragraph. 21 "(2) REPORTS.—On December 31, 2005, in 22 consultation with the Secretary of the Interior and 23 the States of Illinois, Iowa, Minnesota, Missouri, and 24 Wisconsin, the Secretary shall prepare and submit to 25 Congress a report that—

1	${(A)}$ contains an evaluation of the pro-
2	grams described in paragraph (1);
3	"(B) describes the accomplishments of
4	each program;
5	"(C) includes results of a habitat and nat-
6	ural resource needs assessment; and
7	"(D) identifies any needed adjustments in
8	the authorization under paragraph (1) or the
9	authorized appropriations under paragraphs
10	(3), (4), and (5).";
11	(B) in paragraph (3)—
12	(i) by striking "paragraph $(1)(A)$ "
13	and inserting "paragraph (1)(A)(i)"; and
14	(ii) by striking "Secretary not to ex-
15	eeed" and all that follows and inserting
16	"Secretary not to exceed \$22,750,000 for
17	each of fiscal years 1999 through 2009.";
18	(C) in paragraph (4) —
19	(i) by striking "paragraph (1)(B)"
20	and inserting "paragraph (1)(A)(ii)"; and
21	(ii) by striking "\$7,680,000" and all
22	that follows and inserting "\$10,420,000
23	for each of fiscal years 1999 through
24	2009.";

1	(D) by striking paragraphs (5) and (6)
2	and inserting the following:
3	"(5) Authorization of appropriations.
4	There is authorized to be appropriated to carry out
5	paragraph (1)(C) not to exceed \$350,000 for each of
6	fiscal years 1999 through 2009.
7	"(6) Transfer of amounts.—
8	"(A) IN GENERAL.—For each fiscal year
9	beginning after September 30, 1992, the Sec-
10	retary, in consultation with the Secretary of the
11	Interior and the States of Illinois, Iowa, Min-
12	nesota, Missouri, and Wisconsin, may transfer
13	appropriated amounts between the programs
14	under clauses (i) and (ii) of paragraph (1)(A)
15	and paragraph $(1)(C)$.
16	"(B) Apportionment of costs.—In car-
17	rying out paragraph $(1)(D)$, the Secretary may
18	apportion the costs equally between the pro-
19	grams authorized by paragraph (1)(A)."; and
20	(E) in paragraph (7) —
21	(i) in subparagraph (A)—
22	(I) by inserting "(i)" after "para-
23	graph $(1)(A)$ "; and
24	(II) by inserting before the pe-
25	riod at the end the following: "and, in

1	the case of any project requiring non-
2	Federal cost sharing, the non-Federal
3	share of the cost of the project shall
4	be 35 percent"; and
5	(ii) in subparagraph (B), by striking
6	"'paragraphs $(1)(B)$ and $(1)(C)$ of this sub-
7	section" and inserting "paragraph
8	(1)(A)(ii)";
9	(2) in subsection $(f)(2)$ —
10	(Λ) in subparagraph (Λ) , by striking
11	$\frac{((\Lambda))}{;}$ and
12	(B) by striking subparagraph (B); and
13	(3) by adding at the end the following:
14	"(k) St. Louis Area Urban Wildlife Habitat.—
15	The Secretary shall investigate and, if appropriate, carry
16	out restoration of urban wildlife habitat, with a special
17	emphasis on the establishment of greenways in the St.
18	Louis, Missouri, area and surrounding communities.".
19	SEC. 315. RESEARCH AND DEVELOPMENT PROGRAM FOR
20	COLUMBIA AND SNAKE RIVERS SALMON SUR-
21	VIVAL.
22	Section 511 of the Water Resources Development Act
23	of 1996 (16 U.S.C. 3301 note; Public Law 104-303) is
24	amended by striking subsection (a) and all that follows
25	and inserting the following:

1 <u>"(a) SALMON SURVIVAL ACTIVITIES.</u>

2	"(1) IN GENERAL.—In conjunction with the
3	Secretary of Commerce and Secretary of the Inte-
4	rior, the Secretary shall accelerate ongoing research
5	and development activities, and may carry out or
6	participate in additional research and development
7	activities, for the purpose of developing innovative
8	methods and technologies for improving the survival
9	of salmon, especially salmon in the Columbia/Snake
10	River Basin.
11	"(2) Accelerated activities.—Accelerated
12	research and development activities referred to in
13	paragraph (1) may include research and develop-
14	ment related to—
15	${(\Lambda)}$ impacts from water resources projects
16	and other impacts on salmon life cycles;
17	"(B) juvenile and adult salmon passage;
18	"(C) light and sound guidance systems;
19	"(D) surface-oriented collector systems;
20	"(E) transportation mechanisms; and
21	"(F) dissolved gas monitoring and abate-
22	ment.
23	"(3) Additional activities.—Additional re-
24	search and development activities referred to in

1	paragraph (1) may include research and develop-
2	ment related to—
3	"(A) studies of juvenile salmon survival in
4	spawning and rearing areas;
5	"(B) estuary and near-ocean juvenile and
6	adult salmon survival;
7	"(C) impacts on salmon life cycles from
8	sources other than water resources projects;
9	"(D) cryopreservation of fish gametes and
10	formation of a germ plasm repository for
11	threatened and endangered populations of na-
12	tive fish; and
13	"(E) other innovative technologies and ac-
14	tions intended to improve fish survival, includ-
15	ing the survival of resident fish.
16	"(4) COORDINATION.—The Secretary shall co-
17	ordinate any activities carried out under this sub-
18	section with appropriate Federal, State, and local
19	agencies, affected Indian tribes, and the Northwest
20	Power Planning Council.
21	${(5)}$ REPORT.—Not later than 3 years after the
22	date of enactment of this section, the Secretary shall
23	submit to Congress a report on the research and de-
24	velopment activities carried out under this sub-
25	section, including any recommendations of the Sec-

1 retary concerning the research and development ac-2 tivities.

3	"(6) Authorization of appropriations.
4	There is authorized to be appropriated \$10,000,000
5	to carry out research and development activities
6	under paragraph (3).
7	"(b) Advanced Turbine Development.—
8	$\frac{(1)}{(1)}$ In GENERAL.—In conjunction with the
9	Secretary of Energy, the Secretary shall accelerate
10	efforts toward developing and installing in Corps of
11	Engineers-operated dams innovative, efficient, and
12	environmentally safe hydropower turbines, including
13	design of fish-friendly turbines, for use on the Co-
14	lumbia/Snake River hydrosystem.
15	"(2) Authorization of appropriations.
16	There is authorized to be appropriated \$35,000,000
17	to carry out this subsection.
18	"(c) Management of Predation on Columbia/
19	Snake River System Native Fishes.—
20	"(1) NESTING AVIAN PREDATORS.—In conjunc-
21	tion with the Secretary of Commerce and the Sec-
22	retary of the Interior, and consistent with a manage-

23 ment plan to be developed by the United States Fish 24 and Wildlife Service, the Secretary shall earry out

25 methods to reduce nesting populations of avian pred-

1 ators on dredge spoil islands in the Columbia River 2 under the jurisdiction of the Secretary. 3 "(2) AUTHORIZATION OF APPROPRIATIONS. 4 There is authorized to be appropriated \$1,000,000 to carry out research and development activities 5 6 under this subsection. "(d) IMPLEMENTATION.-Nothing in this section af-7 8 fects the authority of the Secretary to implement the re-9 sults of the research and development carried out under this section or any other law.". 10

11 SEC. 316. NINE MILE RUN HABITAT RESTORATION, PENN 12 SYLVANIA.

13 The Secretary may credit against the non-Federal 14 share such costs as are incurred by the non-Federal inter-15 ests in preparing environmental and other preconstruction 16 documentation for the habitat restoration project, Nine 17 Mile Run, Pennsylvania, if the Secretary determines that 18 the documentation is integral to the project.

19 SEC. 317. LARKSPUR FERRY CHANNEL, CALIFORNIA.

20 The Secretary shall work with the Secretary of 21 Transportation on a proposed solution to carry out the 22 project to maintain the Larkspur Ferry Channel, Lark-23 spur, California, authorized by section 601(d) of the 24 Water Resources Development Act of 1986 (100 Stat. 25 4148).

3 (a) IN GENERAL.—The Secretary may study and im4 plement a Comprehensive Flood Impact-Response Mod5 eling System for the Coralville Reservoir and the Iowa
6 River watershed, Iowa.

7 (b) STUDY.—The study shall include—

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2

8 (1) an evaluation of the combined hydrologic, 9 geomorphic, environmental, economic, social, and 10 recreational impacts of operating strategies within 11 the watershed;

12 (2) creation of an integrated, dynamic flood im13 pact model; and

14 (3) the development of a rapid response system
15 to be used during flood and emergency situations.

(c) REPORT TO CONGRESS.—Not later than 5 years
after the date of enactment of this Act, the Secretary shall
transmit a report to Congress on the results of the study
and modeling system and such recommendations as the
Secretary determines to be appropriate.

21 (d) AUTHORIZATION OF APPROPRIATIONS.—There is
22 authorized to be appropriated a total of \$2,250,000 to
23 carry out this section.

1 SEC. 319. STUDY REGARDING INNOVATIVE FINANCING FOR

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SMALL AND MEDIUM-SIZED PORTS.

3 (a) STUDY.—The Comptroller General of the United
4 States shall conduct a study and analysis of various alter5 natives for innovative financing of future construction, op6 eration, and maintenance of projects in small and me7 dium-sized ports.

8 (b) REPORT.—Not later than 270 days after the date 9 of enactment of this Act, the Comptroller General shall 10 submit to the Committee on Environment and Public 11 Works of the Senate and Committee on Transportation 12 and Infrastructure of the House of Representatives and 13 the results of the study and any related legislative rec-14 ommendations for consideration by Congress.

15 SEC. 320. CANDY LAKE PROJECT, OSAGE COUNTY, OKLA-

16 нома.

17 (a) DEFINITIONS.—In this section:

18 (1) FAIR MARKET VALUE.—The term "fair
19 market value" means the amount for which a willing
20 buyer would purchase and a willing seller would sell
21 a parcel of land, as determined by a qualified, inde22 pendent land appraiser.

23 (2) PREVIOUS OWNER OF LAND.—The term
24 "previous owner of land" means a person (including
25 a corporation) that conveyed, or a descendant of a
26 deceased individual who conveyed, land to the Corps

1	of Engineers for use in the Candy Lake project in
2	Osage County, Oklahoma.
3	(3) Secretary.—The term "Secretary" means
4	the Secretary of the Army.
5	(b) Land Conveyances.—
6	(1) In GENERAL.—The Secretary shall convey,
7	in accordance with this section, all right, title, and
8	interest of the United States in and to the land ac-
9	quired by the United States for the Candy Lake
10	project in Osage County, Oklahoma.
11	(2) Previous owners of Land.—
12	(A) IN GENERAL.—The Secretary shall
13	give a previous owner of land first option to
14	purchase the land described in paragraph (1).
15	(B) Application.—
16	(i) IN GENERAL.—A previous owner
17	of land that desires to purchase the land
18	described in paragraph (1) that was owned
19	by the previous owner of land, or by the in-
20	dividual from whom the previous owner of
21	land is descended, shall file an application
22	to purchase the land with the Secretary
23	not later than 180 days after the official
24	date of notice to the previous owner of
25	land under subsection (c).

1	(ii) First to file has first op-
2	TION.—If more than 1 application is filed
3	for a parcel of land described in paragraph
4	(1), first options to purchase the parcel of
5	land shall be allotted in the order in which
6	applications for the parcel of land were
7	filed.
8	(C) IDENTIFICATION OF PREVIOUS OWN-
9	ERS OF LAND.—As soon as practicable after the
10	date of enactment of this Act, the Secretary
11	shall, to the extent practicable, identify each
12	previous owner of land.
13	(D) CONSIDERATION.—Consideration for
14	land conveyed under this subsection shall be the
15	fair market value of the land.
16	(3) DISPOSAL.—Any land described in para-
17	graph (1) for which an application has not been filed
18	under paragraph (2)(B) within the applicable time
19	period shall be disposed of in accordance with law.
20	(4) Extinguishment of easements.—All
21	flowage easements acquired by the United States for
22	use in the Candy Lake project in Osage County,
23	Oklahoma, are extinguished.
24	(c) NOTICE.
25	(1) In GENERAL.—The Secretary shall notify—

1	(A) each person identified as a previous
2	owner of land under subsection $(b)(2)(C)$, not
3	later than 90 days after identification, by
4	United States mail; and
5	(B) the general public, not later than 90
6	days after the date of enactment of this Act, by
7	publication in the Federal Register.
8	(2) CONTENTS OF NOTICE.—Notice under this
9	subsection shall include—
10	(A) a copy of this section;
11	(B) information sufficient to separately
12	identify each parcel of land subject to this sec-
13	tion; and
14	(C) specification of the fair market value
15	of each parcel of land subject to this section.
16	(3) Official date of notice.—The official
17	date of notice under this subsection shall be the
18	later of—
19	(A) the date on which actual notice is
20	mailed; or
21	(B) the date of publication of the notice in
22	the Federal Register.

1 SEC. 321. SALCHA RIVER AND PILEDRIVER SLOUGH, FAIR-

BANKS, ALASKA.

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3 The Secretary shall evaluate and, if justified under
4 section 205 of the Flood Control Act of 1948 (33 U.S.C.
5 701s), carry out flood damage reduction measures along
6 the lower Saleha River and on Piledriver Slough, from its
7 headwaters at the mouth of the Saleha River to the Chena
8 Lakes Flood Control Project, in the vicinity of Fairbanks,
9 Alaska, to protect against surface water flooding.

10 SEC. 322. EYAK RIVER, CORDOVA, ALASKA.

The Secretary shall evaluate and, if justified under
section 205 of the Flood Control Act of 1948 (33 U.S.C.
701s), carry out flood damage reduction measures along
the Eyak River at the town of Cordova, Alaska.

15SEC. 323. NORTH PADRE ISLAND STORM DAMAGE REDUC-16TION AND ENVIRONMENTAL RESTORATION

17 **PROJECT.**

18 The Secretary shall carry out a project for ecosystem 19 restoration and storm damage reduction at North Padre Island, Corpus Christi Bay, Texas, at a total estimated 20 21 cost of \$30,000,000, with an estimated Federal cost of 22 \$19,500,000 and an estimated non-Federal cost of 23 \$10,500,000, if the Secretary finds that the work is tech-24 nically sound, environmentally acceptable, and economieally justified. 25

1 SEC. 324. KANOPOLIS LAKE, KANSAS.

2 (a) WATER SUPPLY.—

3 (1) IN GENERAL.—Not later than 1 year after 4 the date of enactment of this Act, the Secretary, in 5 cooperation with the State of Kansas or another 6 non-Federal interest, shall complete a water supply 7 reallocation study at the project for flood control, 8 Kanopolis Lake, Kansas, as a basis on which the 9 Secretary shall enter into negotiations with the State 10 of Kansas or another non-Federal interest for the 11 terms and conditions of a reallocation of the water 12 supply. (2) OPTIONS.—The negotiations for storage re-13 14 allocation shall include the following options for eval-15 uation by all parties: 16 (A) Financial terms of storage reallocation. 17 (B) Protection of future Federal water re-18 leases from Kanopolis Dam, consistent with 19 State water law, to ensure that the benefits ex-20 pected from releases are provided. 21 (C) Potential establishment of a water as-22 surance district consistent with other such dis-23 tricts established by the State of Kansas.

24 (D) Protection of existing project purposes
25 at Kanopolis Dam to include flood control,
26 recreation, and fish and wildlife.

1 (b) IN-KIND CREDIT.

(1) IN GENERAL.—The Secretary may negotiate
a credit for a portion of the financial repayment to
the Federal Government for work performed by the
State of Kansas, or another non-Federal interest, on
land adjacent or in close proximity to the project, if
the work provides a benefit to the project.

8 (2) WORK INCLUDED.—The work for which 9 eredit may be granted may include watershed protec-10 tion and enhancement, including wetland construc-11 tion and ecosystem restoration.

12 SEC. 325. NEW YORK CITY WATERSHED.

GAN.

13 Section 552(d) of the Water Resources Development 14 Act of 1996 (110 Stat. 3780) is amended by striking "for 15 the project to be carried out with such assistance" and 16 inserting ", or a public entity designated by the State di-17 rector, to carry out the project with such assistance, sub-18 ject to the project's meeting the certification requirement 19 of subsection (c)(1)".

20 SEC. 326. CITY OF CHARLEVOIX REIMBURSEMENT, MICHI-

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The Secretary shall review and, if consistent with authorized project purposes, reimburse the city of Charlevoix, Michigan, for the Federal share of costs associated with construction of the new revetment connection to the Federal navigation project at Charlevoix Harbor,
 Michigan.

3 SEC. 327. HAMILTON DAM FLOOD CONTROL PROJECT, 4 MICHIGAN.

5 The Secretary may construct the Hamilton Dam 6 flood control project, Michigan, under authority of section 7 205 of the Flood Control Act of 1948 (33 U.S.C. 701s). 8 SEC. 328. HOLES CREEK FLOOD CONTROL PROJECT, OHIO.

9 (a) IN GENERAL.—Notwithstanding any other provi-10 sion of law, the non-Federal share of project costs for the 11 project for flood control, Holes Creek, Ohio, shall not ex-12 ceed the sum of—

(1) the total amount projected as the non-Federal share as of September 30, 1996, in the Project
Cooperation Agreement executed on that date; and
(2) 100 percent of the amount of any increases
in the cost of the locally preferred plan over the cost
estimated in the Project Cooperation Agreement.

(b) REIMBURSEMENT.—The Secretary shall reimburse the non-Federal interest any amount paid by the
non-Federal interest in excess of the non-Federal share.

3 Section 585(a) of the Water Resources Development
4 Act of 1996 (110 Stat. 3791) is amended by striking
5 "river" and inserting "sewer".

6 SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

- 7 (a) SHORT TITLE.—This Act may be cited as the
- 8 "Water Resources Development Act of 1999".
- 9 (b) TABLE OF CONTENTS.—The table of contents of this
- 10 Act is as follows:

Sec. 1. Short title; table of contents.

Sec. 2. Definition of Secretary.

TITLE I—WATER RESOURCES PROJECTS

- Sec. 101. Project authorizations.
- Sec. 102. Project modifications.
- Sec. 103. Project deauthorizations.
- Sec. 104. Studies.

TITLE II—GENERAL PROVISIONS

- Sec. 201. Flood hazard mitigation and riverine ecosystem restoration program.
- Sec. 202. Shore protection.
- Sec. 203. Small flood control authority.
- Sec. 204. Use of non-Federal funds for compiling and disseminating information on floods and flood damages.
- Sec. 205. Aquatic ecosystem restoration.
- Sec. 206. Beneficial uses of dredged material.
- Sec. 207. Voluntary contributions by States and political subdivisions.
- Sec. 208. Recreation user fees.
- Sec. 209. Water resources development studies for the Pacific region.
- Sec. 210. Missouri and Middle Mississippi Rivers enhancement project.
- Sec. 211. Outer Continental Shelf.
- Sec. 212. Environmental dredging.
- Sec. 213. Benefit of primary flood damages avoided included in benefit-cost analysis.
- Sec. 214. Control of aquatic plant growth.
- Sec. 215. Environmental infrastructure.
- Sec. 216. Watershed management, restoration, and development.
- Sec. 217. Lakes program.
- Sec. 218. Sediments decontamination policy.
- Sec. 219. Disposal of dredged material on beaches.
- Sec. 220. Fish and wildlife mitigation.
- Sec. 221. Reimbursement of non-Federal interest.

- Sec. 222. National Contaminated Sediment Task Force.
- Sec. 223. Great Lakes basin program.
- Sec. 224. Projects for improvement of the environment.
- Sec. 225. Water quality, environmental quality, recreation, fish and wildlife, flood control, and navigation.
- Sec. 226. Irrigation diversion protection and fisheries enhancement assistance.
- Sec. 227. Small storm damage reduction projects.
- Sec. 228. Shore damage prevention or mitigation.
- Sec. 229. Atlantic coast of New York.
- Sec. 230. Accelerated adoption of innovative technologies for contaminated sediments.

TITLE III—PROJECT-RELATED PROVISIONS

- Sec. 301. Dredging of salt ponds in the State of Rhode Island.
- Sec. 302. Upper Susquehanna River basin, Pennsylvania and New York.
- Sec. 303. Small flood control projects.
- Sec. 304. Small navigation projects.
- Sec. 305. Streambank protection projects.
- Sec. 306. Aquatic ecosystem restoration, Springfield, Oregon.
- Sec. 307. Guilford and New Haven, Connecticut.
- Sec. 308. Francis Bland Floodway Ditch.
- Sec. 309. Caloosahatchee River basin, Florida.
- Sec. 310. Cumberland, Maryland, flood project mitigation.
- Sec. 311. City of Miami Beach, Florida.
- Sec. 312. Sardis Reservoir, Oklahoma.
- Sec. 313. Upper Mississippi River and Illinois waterway system navigation modernization.
- Sec. 314. Upper Mississippi River management.
- Sec. 315. Research and development program for Columbia and Snake Rivers salmon survival.
- Sec. 316. Nine Mile Run habitat restoration, Pennsylvania.
- Sec. 317. Larkspur Ferry Channel, California.
- Sec. 318. Comprehensive Flood Impact-Response Modeling System.
- Sec. 319. Study regarding innovative financing for small and medium-sized ports.
- Sec. 320. Candy Lake project, Osage County, Oklahoma.
- Sec. 321. Salcha River and Piledriver Slough, Fairbanks, Alaska.
- Sec. 322. Eyak River, Cordova, Alaska.
- Sec. 323. North Padre Island storm damage reduction and environmental restoration project.
- Sec. 324. Kanopolis Lake, Kansas.
- Sec. 325. New York City watershed.
- Sec. 326. City of Charlevoix reimbursement, Michigan.
- Sec. 327. Hamilton Dam flood control project, Michigan.
- Sec. 328. Holes Creek flood control project, Ohio.
- Sec. 329. Overflow management facility, Rhode Island.
- Sec. 330. Anacostia River aquatic ecosystem restoration, District of Columbia and Maryland.
- Sec. 331. Everglades and south Florida ecosystem restoration.

1 SEC. 2. DEFINITION OF SECRETARY.

2 In this Act, the term "Secretary" means the Secretary3 of the Army.

4 TITLE I—WATER RESOURCES 5 PROJECTS

6 SEC. 101. PROJECT AUTHORIZATIONS.

7 (a) PROJECTS WITH CHIEF'S REPORTS.—The fol-8 lowing projects for water resources development and con-9 servation and other purposes are authorized to be carried 10 out by the Secretary substantially in accordance with the 11 plans, and subject to the conditions, described in the respec-12 tive reports designated in this section:

(1) SAND POINT HARBOR, ALASKA.—The project
for navigation, Sand Point Harbor, Alaska: Report of
the Chief of Engineers dated October 13, 1998, at a
total cost of \$11,760,000, with an estimated Federal
cost of \$6,964,000 and an estimated non-Federal cost
of \$4,796,000.

(2) RIO SALADO (SALT RIVER), ARIZONA.—The
project for environmental restoration, Rio Salado
(Salt River), Arizona: Report of the Chief of Engineers dated August 20, 1998, at a total cost of
\$88,048,000, with an estimated Federal cost of
\$56,355,000 and an estimated non-Federal cost of
\$31,693,000.

1	(3) TUCSON DRAINAGE AREA, ARIZONA.—The
2	project for flood damage reduction, environmental res-
3	toration, and recreation, Tucson drainage area, Ari-
4	zona: Report of the Chief of Engineers dated May 20,
5	1998, at a total cost of \$29,900,000, with an esti-
6	mated Federal cost of \$16,768,000 and an estimated
7	non-Federal cost of \$13,132,000.
8	(4) AMERICAN RIVER WATERSHED, CALI-
9	FORNIA.—
10	(A) IN GENERAL.—The project for flood
11	damage reduction described as the Folsom
12	Stepped Release Plan in the Corps of Engineers
13	Supplemental Information Report for the Amer-
14	ican River Watershed Project, California, dated
15	March 1996, at a total cost of \$505,400,000, with
16	an estimated Federal cost of \$329,300,000 and
17	an estimated non-Federal cost of \$176,100,000.
18	(B) Implementation.—
19	(i) IN GENERAL.—Implementation of
20	the measures by the Secretary pursuant to
21	subparagraph (A) shall be undertaken after
22	completion of the levee stabilization and
23	strengthening and flood warning features
24	authorized by section $101(a)(1)$ of the Water

1	Resources Development Act of 1996 (110
2	Stat. 3662).
3	(ii) Folsom dam and reservoir.—
4	The Secretary may undertake measures at
5	the Folsom Dam and Reservoir authorized
6	under subparagraph (A) only after review-
7	ing the design of such measures to deter-
8	mine if modifications are necessary to ac-
9	count for changed hydrologic conditions and
10	any other changed conditions in the project
11	area, including operational and construc-
12	tion impacts that have occurred since com-

pletion of the report referred to in subpara-

graph (A). The Secretary shall conduct the

review and develop the modifications to the

Folsom Dam and Reservoir with the full

17 participation of the Secretary of the Inte-18 rior.

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19 (iii) Remaining downstream ele-20 MENTS.—

21 (I)IN GENERAL.—Implementa-22 tion of the remaining downstream ele-23 ments authorized pursuant to subpara-24 graph (A) may be undertaken only 25 after the Secretary, in consultation

1	with affected Federal, State, regional,
2	and local entities, has reviewed the ele-
3	ments to determine if modifications are
4	necessary to address changes in the hy-
5	drologic conditions, any other changed
6	conditions in the project area that have
7	occurred since completion of the report
8	referred to in subparagraph (A) and
9	any design modifications for the Fol-
10	som Dam and Reservoir made by the
11	Secretary in implementing the meas-
12	ures referred to in clause (ii), and has
13	issued a report on the review.
13 14	issued a report on the review. (II) PRINCIPLES AND GUIDE-
14	(II) PRINCIPLES AND GUIDE-
14 15	(II) PRINCIPLES AND GUIDE- LINES.—The review shall be prepared
14 15 16	(II) PRINCIPLES AND GUIDE- LINES.—The review shall be prepared in accordance with the economic and
14 15 16 17	(II) PRINCIPLES AND GUIDE- LINES.—The review shall be prepared in accordance with the economic and environmental principles and guide-
14 15 16 17 18	(II) PRINCIPLES AND GUIDE- LINES.—The review shall be prepared in accordance with the economic and environmental principles and guide- lines for water and related land re-
14 15 16 17 18 19	(II) PRINCIPLES AND GUIDE- LINES.—The review shall be prepared in accordance with the economic and environmental principles and guide- lines for water and related land re- sources implementation studies, and no
 14 15 16 17 18 19 20 	(II) PRINCIPLES AND GUIDE- LINES.—The review shall be prepared in accordance with the economic and environmental principles and guide- lines for water and related land re- sources implementation studies, and no construction may be initiated unless
 14 15 16 17 18 19 20 21 	(II) PRINCIPLES AND GUIDE- LINES.—The review shall be prepared in accordance with the economic and environmental principles and guide- lines for water and related land re- sources implementation studies, and no construction may be initiated unless the Secretary determines that the re-
 14 15 16 17 18 19 20 21 22 	(II) PRINCIPLES AND GUIDE- LINES.—The review shall be prepared in accordance with the economic and environmental principles and guide- lines for water and related land re- sources implementation studies, and no construction may be initiated unless the Secretary determines that the re- maining downstream elements are

(5) LLAGAS CREEK, CALIFORNIA.—The project for completion of the remaining reaches of the Natural Resources Conservation Service flood control project at Llagas Creek, California, undertaken pursuant to section 5 of the Watershed Protection and Flood Prevention Act (16 U.S.C. 1005), substantially

in accordance with the requirements of local cooperation as specified in section 4 of that Act (16 U.S.C.
1004) at a total cost of \$45,000,000, with an estimated Federal cost of \$21,800,000 and an estimated
non-Federal cost of \$23,200,000.

12 (6)South sacramento county STREAMS. CALIFORNIA.—The project for flood control, environ-13 14 mental restoration, and recreation, South Sacramento 15 County streams, California: Report of the Chief of 16 Engineers dated October 6, 1998, at a total cost of 17 \$65,500,000, with an estimated Federal cost of 18 \$41,200,000 and an estimated non-Federal cost of 19 \$24,300,000.

20 (7) UPPER GUADALUPE RIVER, CALIFORNIA.—
21 Construction of the locally preferred plan for flood
22 damage reduction and recreation, Upper Guadalupe
23 River, California, described as the Bypass Channel
24 Plan of the Chief of Engineers dated August 19, 1998,
25 at a total cost of \$137,600,000, with an estimated

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1	Federal cost of \$44,000,000 and an estimated non-
2	Federal cost of \$93,600,000.
3	(8) YUBA RIVER BASIN, CALIFORNIA.—The
4	project for flood damage reduction, Yuba River Basin,
5	California: Report of the Chief of Engineers dated No-
6	vember 25, 1998, at a total cost of \$26,600,000, with
7	an estimated Federal cost of \$17,350,000 and an esti-
8	mated non-Federal cost of \$9,250,000.
9	(9) Delaware bay coastline: delaware and
10	NEW JERSEY-BROADKILL BEACH, DELAWARE.—
11	(A) IN GENERAL.—The project for hurricane
12	and storm damage reduction and shore protec-
13	tion, Delaware Bay coastline: Delaware and New
14	Jersey-Broadkill Beach, Delaware, Report of the
15	Chief of Engineers dated August 17, 1998, at a
16	total cost of \$9,049,000, with an estimated Fed-
17	eral cost of \$5,674,000 and an estimated non-
18	Federal cost of \$3,375,000.
19	(B) PERIODIC NOURISHMENT.—Periodic
20	nourishment is authorized for a 50-year period
21	at an estimated average annual cost of \$538,200,
22	with an estimated annual Federal cost of
23	\$349,800 and an estimated annual non-Federal
24	cost of \$188,400.

(10) Delaware bay coastline: delaware and
NEW JERSEY-PORT MAHON, DELAWARE.—
(A) IN GENERAL.—The project for ecosystem
restoration and shore protection, Delaware Bay
coastline: Delaware and New Jersey-Port Mahon,
Delaware: Report of the Chief of Engineers dated
September 28, 1998, at a total cost of
\$7,644,000, with an estimated Federal cost of
\$4,969,000 and an estimated non-Federal cost of
\$2,675,000.
(B) PERIODIC NOURISHMENT.—Periodic
nourishment is authorized for a 50-year period
at an estimated average annual cost of \$234,000,
with an estimated annual Federal cost of
\$152,000 and an estimated annual non-Federal
cost of \$82,000.
(11) Hillsboro and okeechobee aquifer
STORAGE AND RECOVERY PROJECT, FLORIDA.—The
project for aquifer storage and recovery described in
the Corps of Engineers Central and Southern Florida
Water Supply Study, Florida, dated April 1989, and
in House Document 369, dated July 30, 1968, at a
total cost of \$27,000,000, with an estimated Federal
cost of \$13,500,000 and an estimated non-Federal cost
of \$13,500,000.

1	(12) INDIAN RIVER COUNTY, FLORIDA.—Notwith-
2	standing section 1001(a) of the Water Resources De-
3	velopment Act of 1986 (33 U.S.C. $579a(a)$), the
4	project for shoreline protection, Indian River County,
5	Florida, authorized by section 501(a) of that Act (100
6	Stat. 4134), shall remain authorized for construction
7	through December 31, 2002.
8	(13) Lido key beach, sarasota, florida.—
9	(A) IN GENERAL.—The project for shore
10	protection at Lido Key Beach, Sarasota, Florida,
11	authorized by section 101 of the River and Har-
12	bor Act of 1970 (84 Stat. 1819) and deauthorized
13	by operation of section 1001(b) of the Water Re-
14	sources Development Act of 1986 (33 U.S.C.
15	579a(b)), is authorized to be carried out by the
16	Secretary at a total cost of \$5,200,000, with an
17	estimated Federal cost of \$3,380,000 and an esti-
18	mated non-Federal cost of \$1,820,000.
19	(B) PERIODIC NOURISHMENT.—Periodic
20	nourishment is authorized for a 50-year period
21	at an estimated average annual cost of \$602,000,
22	with an estimated annual Federal cost of
23	\$391,000 and an estimated annual non-Federal
24	cost of \$211,000.

1 (14) TAMPA HARBOR-BIG BEND CHANNEL, FLOR-2 IDA.—The project for navigation, Tampa Harbor-Big 3 Bend Channel, Florida: Report of the Chief of Engi-4 neers dated October 13, 1998, at a total cost of 5 \$12,356,000, with an estimated Federal cost of 6 \$6,235,000 and an estimated non-Federal cost of 7 \$6,121,000. 8 (15)BRUNSWICK HARBOR, GEORGIA.—The

9 project for navigation, Brunswick Harbor, Georgia:
10 Report of the Chief of Engineers dated October 6,
11 1998, at a total cost of \$50,717,000, with an esti12 mated Federal cost of \$32,966,000 and an estimated
13 non-Federal cost of \$17,751,000.

14 (16) BEARGRASS CREEK, KENTUCKY.—The
15 project for flood damage reduction, Beargrass Creek,
16 Kentucky: Report of the Chief of Engineers dated May
17 12, 1998, at a total cost of \$11,172,000, with an esti18 mated Federal cost of \$7,262,000 and an estimated
19 non-Federal cost of \$3,910,000.

20 (17) AMITE RIVER AND TRIBUTARIES, LOU21 ISIANA, EAST BATON ROUGE PARISH WATERSHED.—
22 The project for flood damage reduction and recre23 ation, Amite River and Tributaries, Louisiana, East
24 Baton Rouge Parish Watershed: Report of the Chief of
25 Engineers, dated December 23, 1996, at a total cost

1	of \$112,900,000, with an estimated Federal cost of	f
2	\$73,400,000 and an estimated non-Federal cost of	f
3	\$39,500,000.	

4 (18)BALTIMORE HARBOR ANCHORAGES AND 5 CHANNELS, MARYLAND AND VIRGINIA.—The project for 6 navigation, Baltimore Harbor Anchorages and Chan-7 nels, Maryland and Virginia: Report of the Chief of 8 Engineers, dated June 8, 1998, at a total cost of 9 \$28,430,000, with an estimated Federal cost of 10 \$19,000,000 and an estimated non-Federal cost of 11 \$9,430,000.

(19) RED LAKE RIVER AT CROOKSTON, MINNESOTA.—The project for flood damage reduction,
Red Lake River at Crookston, Minnesota: Report of
the Chief of Engineers, dated April 20, 1998, at a
total cost of \$8,950,000, with an estimated Federal
cost of \$5,720,000 and an estimated non-Federal cost
of \$3,230,000.

19 (20) NEW JERSEY SHORE PROTECTION, TOWN20 SENDS INLET TO CAPE MAY INLET, NEW JERSEY.—

21 (A) IN GENERAL.—The project for hurricane
22 and storm damage reduction, ecosystem restora23 tion, and shore protection, New Jersey coastline,
24 Townsends Inlet to Cape May Inlet, New Jersey:
25 Report of the Chief of Engineers dated September

1	28, 1998, at a total cost of \$56,503,000, with an
2	estimated Federal cost of \$36,727,000 and an es-
3	timated non-Federal cost of \$19,776,000.
4	(B) Periodic nourishment.—Periodic
5	nourishment is authorized for a 50-year period
6	at an estimated average annual cost of
7	\$2,000,000, with an estimated annual Federal
8	cost of \$1,300,000 and an estimated annual non-
9	Federal cost of \$700,000.
10	(21) PARK RIVER, NORTH DAKOTA.—
11	(A) IN GENERAL.—Subject to the condition
12	stated in subparagraph (B) , the project for flood
13	control, Park River, Grafton, North Dakota, au-
14	thorized by section 401(a) of the Water Resources
15	Development Act of 1986 (100 Stat. 4121) and
16	deauthorized under section 1001(a) of the Water
17	Resources Development Act of 1986 (33 U.S.C.
18	579a), at a total cost of \$28,100,000, with an es-
19	timated Federal cost of \$18,265,000 and an esti-
20	mated non-Federal cost of \$9,835,000.
21	(B) CONDITION.—No construction may be
22	initiated unless the Secretary determines through
23	a general reevaluation report using current data,
24	that the project is technically sound, environ-
25	mentally acceptable, and economically justified.

(22) SALT CREEK, GRAHAM, TEXAS.—The project
 for flood control, environmental restoration, and
 recreation, Salt Creek, Graham, Texas: Report of the
 Chief of Engineers dated October 6, 1998, at a total
 cost of \$10,080,000, with an estimated Federal cost of
 \$6,560,000 and an estimated non-Federal cost of
 \$3,520,000.

8 (b) PROJECTS SUBJECT TO A FINAL REPORT.—The 9 following projects for water resources development and con-10 servation and other purposes are authorized to be carried 11 out by the Secretary substantially in accordance with the plans, and subject to the conditions recommended in a final 12 13 report of the Chief of Engineers as approved by the Secretary, if a favorable report of the Chief is completed not 14 15 later than December 31, 1999:

16 (1) NOME HARBOR IMPROVEMENTS, ALASKA.—
17 The project for navigation, Nome Harbor Improve18 ments, Alaska, at a total cost of \$24,608,000, with an
19 estimated first Federal cost of \$19,660,000 and an es20 timated first non-Federal cost of \$4,948,000.

(2) SEWARD HARBOR, ALASKA.—The project for
navigation, Seward Harbor, Alaska, at a total cost of
\$12,240,000, with an estimated first Federal cost of
\$4,364,000 and an estimated first non-Federal cost of
\$7,876,000.

1	(3) HAMILTON AIRFIELD WETLAND RESTORA-
2	TION, CALIFORNIA.—The project for environmental
3	restoration at Hamilton Airfield, California, at a
4	total cost of \$55,200,000, with an estimated Federal
5	cost of \$41,400,000 and an estimated non-Federal cost
6	of \$13,800,000.
7	(4) Oakland, California.—
8	(A) IN GENERAL.—The project for naviga-
9	tion and environmental restoration, Oakland,
10	California, at a total cost of \$214,340,000, with
11	an estimated Federal cost of \$143,450,000 and
12	an estimated non-Federal cost of \$70,890,000.
13	(B) BERTHING AREAS AND OTHER LOCAL
14	SERVICE FACILITIES.—The non-Federal interests
15	shall provide berthing areas and other local serv-
16	ice facilities necessary for the project at an esti-
17	mated cost of \$42,310,000.
18	(5) Delaware bay coastline: delaware and
19	NEW JERSEY-ROOSEVELT INLET-LEWES BEACH, DELA-
20	WARE.—
21	(A) IN GENERAL.—The project for naviga-
22	tion mitigation, shore protection, and hurricane
23	and storm damage reduction, Delaware Bay
24	coastline: Delaware and New Jersey-Roosevelt
25	Inlet-Lewes Beach, Delaware, at a total cost of

1	\$3,393,000, with an estimated Federal cost of
2	\$2,620,000 and an estimated non-Federal cost of
3	\$773,000.
4	(B) PERIODIC NOURISHMENT.—Periodic
5	nourishment is authorized for a 50-year period
6	at an estimated average annual cost of \$196,000,
7	with an estimated annual Federal cost of
8	\$152,000 and an estimated annual non-Federal
9	cost of \$44,000.
10	(6) Delaware coast from cape henelopen
11	TO FENWICK ISLAND, BETHANY BEACH/SOUTH BETH-
12	ANY BEACH, DELAWARE.—
13	(A) IN GENERAL.—The project for hurricane
14	and storm damage reduction and shore protec-
15	tion, Delaware Coast from Cape Henelopen to
16	Fenwick Island, Bethany Beach/South Bethany
17	Beach, Delaware, at a total cost of \$22,205,000,
18	with an estimated Federal cost of \$14,433,000
19	and an estimated non-Federal cost of \$7,772,000.
20	(B) Periodic nourishment.—Periodic
21	nourishment is authorized for a 50-year period
22	at an estimated average annual cost of
23	\$1,584,000, with an estimated annual Federal
24	cost of \$1,030,000 and an estimated annual non-
25	Federal cost of \$554,000.

1	(7) JACKSONVILLE HARBOR, FLORIDA.—The
2	project for navigation, Jacksonville Harbor, Florida,
3	at a total cost of \$26,116,000, with an estimated Fed-
4	eral cost of \$9,129,000 and an estimated non-Federal
5	cost of \$16,987,000.
6	(8) LITTLE TALBOT ISLAND, DUVAL COUNTY,
7	FLORIDA.—The project for hurricane and storm dam-
8	age prevention and shore protection, Little Talbot Is-
9	land, Duval County, Florida, at a total cost of
10	\$5,915,000, with an estimated Federal cost of
11	\$3,839,000 and an estimated non-Federal cost of
12	\$2,076,000.
13	(9) PONCE DE LEON INLET, VOLUSIA COUNTY,
14	FLORIDA.—The project for navigation and recreation,
15	Ponce de Leon Inlet, Volusia County, Florida, at a
16	total cost of \$5,454,000, with an estimated Federal
17	cost of \$2,988,000 and an estimated non-Federal cost
18	of \$2,466,000.
19	(10) SAVANNAH HARBOR EXPANSION, GEOR-
20	GIA.—
21	(A) IN GENERAL.—Subject to subparagraph
22	(B), the Secretary may carry out the project for
23	navigation, Savannah Harbor expansion, Geor-
24	gia, substantially in accordance with the plans,
25	and subject to the conditions, recommended in a

1	final report of the Chief of Engineers, with such
2	modifications as the Secretary deems appro-
3	priate, at a total cost of \$230,174,000 (of which
4	amount a portion is authorized for implementa-
5	tion of the mitigation plan), with an estimated
6	Federal cost of \$145,160,000 and an estimated
7	non-Federal cost of \$85,014,000.
8	(B) CONDITIONS.—The project authorized
9	by subparagraph (A) may be carried out only
10	after—
11	(i) the Secretary, in consultation with
12	affected Federal, State, regional, and local
13	entities, has reviewed and approved an En-
14	vironmental Impact Statement that
15	includes—
16	(I) an analysis of the impacts of
17	project depth alternatives ranging from
18	42 feet through 48 feet; and
19	(II) a selected plan for navigation
20	and associated mitigation plan as re-
21	quired by section 906(a) of the Water
22	Resources Development Act of 1986 (33
23	U.S.C. 2283); and
24	(ii) the Secretary of the Interior, the
25	Secretary of Commerce, and the Adminis-

1	trator of the Environmental Protection
2	Agency, with the Secretary, have approved
3	the selected plan and have determined that
4	the mitigation plan adequately addresses
5	the potential environmental impacts of the
6	project.
7	(C) MITIGATION REQUIREMENTS.—The
8	mitigation plan shall be implemented in advance
9	of or concurrently with construction of the
10	project.
11	(11) TURKEY CREEK BASIN, KANSAS CITY, MIS-
12	SOURI AND KANSAS CITY, KANSAS.—The project for
13	flood damage reduction, Turkey Creek Basin, Kansas
14	City, Missouri, and Kansas City, Kansas, at a total
15	cost of \$42,875,000 with an estimated Federal cost of
16	\$25,596,000 and an estimated non-Federal cost of
17	\$17,279,000.
18	(12) Delaware bay coastline, oakwood
19	BEACH, NEW JERSEY.—
20	(A) IN GENERAL.—The project for hurricane
21	and storm damage reduction, Delaware Bay
22	coastline, Oakwood Beach, New Jersey, at a total
23	cost of \$3,380,000, with an estimated Federal
24	cost of \$2,197,000 and an estimated non-Federal
25	cost of \$1,183,000.

1	(B) Periodic nourishment.—Periodic
2	nourishment is authorized for a 50-year period
3	at an estimated average annual cost of \$90,000,
4	with an estimated annual Federal cost of
5	\$58,000 and an estimated annual non-Federal
6	cost of \$32,000.
7	(13) Delaware bay coastline, reeds beach
8	AND PIERCES POINT, NEW JERSEY.—The project for
9	environmental restoration, Delaware Bay coastline,
10	Reeds Beach and Pierces Point, New Jersey, at a
11	total cost of $$4,057,000$, with an estimated Federal
12	cost of \$2,637,000 and an estimated non-Federal cost
13	of \$1,420,000.
14	(14) Delaware bay coastline, villas and vi-
15	CINITY, NEW JERSEY.—The project for environmental
16	restoration, Delaware Bay coastline, Villas and vicin-
17	ity, New Jersey, at a total cost of \$7,520,000, with an
18	estimated Federal cost of \$4,888,000 and an estimated
19	non-Federal cost of \$2,632,000.
20	(15) Lower cape may meadows, cape may
21	POINT, NEW JERSEY.—
22	(A) IN GENERAL.—The project for naviga-
23	tion mitigation, ecosystem restoration, shore pro-
24	tection, and hurricane and storm damage reduc-
25	tion, Lower Cape May Meadows, Cape May

1	Point, New Jersey, at a total cost of \$15,952,000,
2	with an estimated Federal cost of \$12,118,000
3	and an estimated non-Federal cost of \$3,834,000.
4	(B) PERIODIC NOURISHMENT.—Periodic
5	nourishment is authorized for a 50-year period
6	at an estimated average annual cost of
7	\$1,114,000, with an estimated annual Federal
8	cost of \$897,000 and an estimated annual non-
9	Federal cost of \$217,000.
10	(16) New Jersey shore protection, brigan-
11	TINE INLET TO GREAT EGG HARBOR, BRIGANTINE IS-
12	LAND, NEW JERSEY.—
13	(A) IN GENERAL.—The project for hurricane
14	and storm damage reduction and shore protec-
15	tion, New Jersey Shore protection, Brigantine
16	Inlet to Great Egg Harbor, Brigantine Island,
17	New Jersey, at a total cost of \$4,970,000, with
18	an estimated Federal cost of \$3,230,000 and an
19	estimated non-Federal cost of \$1,740,000.
20	(B) PERIODIC NOURISHMENT.—Periodic
21	nourishment is authorized for a 50-year period
22	at an estimated average annual cost of \$465,000,
23	with an estimated annual Federal cost of
24	\$302,000 and an estimated annual non-Federal
25	cost of \$163,000.

1	(17) Columbia river channel deepening, or-
2	EGON AND WASHINGTON.—
3	(A) IN GENERAL.—The project for naviga-
4	tion, Columbia River channel deepening, Oregon
5	and Washington, at a total cost of \$182,423,000,
6	with an estimated Federal cost of \$106,132,000
7	and an estimated non-Federal cost of
8	\$76,291,000.
9	(B) BERTHING AREAS AND OTHER LOCAL
10	SERVICE FACILITIES.—The non-Federal interests
11	shall provide berthing areas and other local serv-
12	ice facilities necessary for the project at an esti-
13	mated cost of \$1,200,000.
14	(18) Memphis harbor, memphis, ten-
15	NESSEE.—
16	(A) IN GENERAL.—Subject to subparagraph
17	(B), the project for navigation, Memphis Harbor,
18	Memphis, Tennessee, authorized by section
19	601(a) of the Water Resources Development Act
20	of 1986 (100 Stat. 4145) and deauthorized under
21	section 1001(a) of that Act (33 U.S.C. 579a(a))
22	is authorized to be carried out by the Secretary.
23	(B) Condition.—No construction may be
24	initiated unless the Secretary determines through
25	a general reevaluation report using current data,

1	that the project is technically sound, environ-
2	mentally acceptable, and economically justified.
3	(19) Johnson Creek, Arlington, Texas.—The
4	project for flood damage reduction, environmental res-
5	toration, and recreation, Johnson Creek, Arlington,
6	Texas, at a total cost of \$20,300,000, with an esti-
7	mated Federal cost of \$12,000,000 and an estimated
8	non-Federal cost of \$8,300,000.
9	(20) Howard hanson dam, washington.—The
10	project for water supply and ecosystem restoration,
11	Howard Hanson Dam, Washington, at a total cost of
12	\$75,600,000, with an estimated Federal cost of
13	\$36,900,000 and an estimated non-Federal cost of
14	\$38,700,000.
14 15	\$38,700,000. SEC. 102. PROJECT MODIFICATIONS.
15	SEC. 102. PROJECT MODIFICATIONS.
15 16	SEC. 102. PROJECT MODIFICATIONS. (a) PROJECTS WITH REPORTS.—
15 16 17	SEC. 102. PROJECT MODIFICATIONS. (a) PROJECTS WITH REPORTS.— (1) SAN LORENZO RIVER, CALIFORNIA.—The
15 16 17 18	SEC. 102. PROJECT MODIFICATIONS. (a) PROJECTS WITH REPORTS.— (1) SAN LORENZO RIVER, CALIFORNIA.—The project for flood control, San Lorenzo River, Cali-
15 16 17 18 19	 SEC. 102. PROJECT MODIFICATIONS. (a) PROJECTS WITH REPORTS.— (1) SAN LORENZO RIVER, CALIFORNIA.—The project for flood control, San Lorenzo River, California, authorized by section 101(a)(5) of the Water
15 16 17 18 19 20	SEC. 102. PROJECT MODIFICATIONS. (a) PROJECTS WITH REPORTS.— (1) SAN LORENZO RIVER, CALIFORNIA.—The project for flood control, San Lorenzo River, Cali- fornia, authorized by section 101(a)(5) of the Water Resources Development Act of 1996 (110 Stat. 3663),
 15 16 17 18 19 20 21 	SEC. 102. PROJECT MODIFICATIONS. (a) PROJECTS WITH REPORTS.— (1) SAN LORENZO RIVER, CALIFORNIA.—The project for flood control, San Lorenzo River, Cali- fornia, authorized by section 101(a)(5) of the Water Resources Development Act of 1996 (110 Stat. 3663), is modified to authorize the Secretary to include as
 15 16 17 18 19 20 21 22 	SEC. 102. PROJECT MODIFICATIONS. (a) PROJECTS WITH REPORTS.— (1) SAN LORENZO RIVER, CALIFORNIA.—The project for flood control, San Lorenzo River, Cali- fornia, authorized by section 101(a)(5) of the Water Resources Development Act of 1996 (110 Stat. 3663), is modified to authorize the Secretary to include as a part of the project streambank erosion control meas-

1	total cost of \$4,000,000, with an estimated Federal
2	cost of \$2,600,000 and an estimated non-Federal cost
3	of \$1,400,000.
4	(2) St. Johns county shore protection,
5	FLORIDA.—
6	(A) IN GENERAL.—The project for hurricane
7	and storm damage reduction and shore protec-
8	tion, St. Johns County, Florida, authorized by
9	section 501(a) of the Water Resources Develop-
10	ment Act of 1986 (100 Stat. 4133) is modified
11	to authorize the Secretary to include navigation
12	mitigation as a purpose of the project in accord-
13	ance with the report of the Corps of Engineers
14	dated November 18, 1998, at a total cost of
15	\$16,086,000, with an estimated Federal cost of
16	\$12,949,000 and an estimated non-Federal cost
17	of \$3,137,000.
18	(B) PERIODIC NOURISHMENT.—Periodic
19	nourishment is authorized for a 50-year period
20	at an estimated average annual cost of
21	\$8,137,000, with an estimated annual Federal
22	cost of \$6,550,000 and an estimated annual non-
23	Federal cost of \$1,587,000.
24	(3) Wood River, Grand Island, Nebraska.—
25	The project for flood control, Wood River, Grand Is-

1	land, Nebraska, authorized by section $101(a)(19)$ of
2	the Water Resources Development Act of 1996 (110
3	Stat. 3665) is modified to authorize the Secretary to
4	construct the project in accordance with the Corps of
5	Engineers report dated June 29, 1998, at a total cost
6	of \$17,039,000, with an estimated Federal cost of
7	\$9,730,000 and an estimated non-Federal cost of
8	\$7,309,000.
9	(4) Absecon Island, New Jersey.—The project
10	for Absecon Island, New Jersey, authorized by section
11	101(b)(13) of the Water Resources Development Act of
12	1996 (110 Stat. 3668) is amended to authorize the
13	Secretary to reimburse the non-Federal interests for
14	all work performed, consistent with the authorized
15	project.
16	(5) ARTHUR KILL, NEW YORK AND NEW JER-
17	SEY.—
18	(A) IN GENERAL.—The project for naviga-
19	tion, Arthur Kill, New York and New Jersey, au-
20	thorized by section 202(b) of the Water Resources
21	Development Act of 1986 (100 Stat. 4098) and
22	modified by section 301(b)(11) of the Water Re-
23	sources Development Act of 1996 (110 Stat.
24	3711), is further modified to authorize the Sec-
25	retary to construct the project at a total cost of

1	\$276,800,000, with an estimated Federal cost of
2	\$183,200,000 and an estimated non-Federal cost
3	of \$93,600,000.

4 (B) BERTHING AREAS AND OTHER LOCAL
5 SERVICE FACILITIES.—The non-Federal interests
6 shall provide berthing areas and other local serv7 ice facilities necessary for the project at an esti8 mated cost of \$38,900,000.

9 (6) WAURIKA LAKE, OKLAHOMA, WATER CONVEY-10 ANCE FACILITIES.—The requirement for the Waurika 11 Project Master Conservancy District to repay the 12 \$2,900,000 in costs (including interest) resulting from 13 the October 1991 settlement of the claim of the Trav-14 elers Insurance Company before the United States 15 Claims Court related to construction of the water con-16 veyance facilities authorized by the first section of 17 Public Law 88–253 (77 Stat. 841) is waived.

(b) PROJECTS SUBJECT TO REPORTS.—The following
projects are modified as follows, except that no funds may
be obligated to carry out work under such modifications
until completion of a final report by the Chief of Engineers,
as approved by the Secretary, finding that such work is
technically sound, environmentally acceptable, and economically justified, as applicable:

1	(1) Thornton reservoir, cook county, illi-	
2	NOIS.—	

3	(A) IN GENERAL.—The Thornton Reservoir
4	project, an element of the project for flood con-
5	trol, Chicagoland Underflow Plan, Illinois, au-
6	thorized by section $3(a)(5)$ of the Water Re-
7	sources Development Act of 1988 (102 Stat.
8	4013), is modified to authorize the Secretary to
9	include additional permanent flood control stor-
10	age attributable to the Natural Resources Con-
11	servation Service Thornton Reservoir (Structure
12	84), Little Calumet River Watershed, Illinois,
13	approved under the Watershed Protection and
14	Flood Prevention Act (16 U.S.C. 1001 et seq.).
15	(B) COST SHARING.—Costs for the Thornton
16	Reservoir project shall be shared in accordance
17	with section 103 of the Water Resources Develop-
18	ment Act of 1986 (33 U.S.C. 2213).
19	(C) TRANSITIONAL STORAGE.—The Sec-
20	retary of Agriculture may cooperate with non-
21	Federal interests to provide, on a transitional
22	basis, flood control storage for the Natural Re-
23	sources Conservation Service Thornton Reservoir

(Structure 84) project in the west lobe of the Thornton quarry. 25

24

1	(D) CREDITING.—The Secretary may credit
2	against the non-Federal share of the Thornton
3	Reservoir project all design and construction
4	costs incurred by the non-Federal interests before
5	the date of enactment of this Act.
6	(E) REEVALUATION REPORT.—The Sec-
7	retary shall determine the credits authorized by
8	subparagraph (D) that are integral to the Thorn-
9	ton Reservoir project and the current total
10	project costs based on a limited reevaluation re-
11	port.
12	(2) Wells harbor, wells, maine.—
13	(A) IN GENERAL.—The project for naviga-
14	tion, Wells Harbor, Maine, authorized by section
15	101 of the River and Harbor Act of 1960 (74
16	Stat. 480), is modified to authorize the Secretary
17	to realign the channel and anchorage areas based
18	on a harbor design capacity of 150 craft.
19	(B) DEAUTHORIZATION OF CERTAIN POR-
20	TIONS.—The following portions of the project are
21	not authorized after the date of enactment of this
22	Act:
23	(i) The portion of the 6-foot channel
24	the boundaries of which begin at a point
25	with coordinates N177,992.00, E394,831.00,

1	thence running south 83 degrees 58 minutes
2	14.8 seconds west 10.38 feet to a point
3	N177,990.91, E394,820.68, thence running
4	south 11 degrees 46 minutes 47.7 seconds
5	west 991.76 feet to a point N177,020.04,
6	E394,618.21, thence running south 78 de-
7	grees 13 minutes 45.7 seconds east 10.00 feet
8	to a point N177,018.00, E394,628.00, thence
9	running north 11 degrees 46 minutes 22.8
10	seconds east 994.93 feet to the point of ori-
11	gin.
12	(ii) The portion of the 6-foot anchorage
13	the boundaries of which begin at a point
14	with coordinates N177,778.07, E394,336.96,
15	thence running south 51 degrees 58 minutes
16	32.7 seconds west 15.49 feet to a point
17	N177,768.53, E394,324.76, thence running
18	south 11 degrees 46 minutes 26.5 seconds
19	west 672.87 feet to a point N177,109.82,
20	E394,187.46, thence running south 78 de-
21	grees 13 minutes 45.7 seconds east 10.00 feet
22	to a point N177,107.78, E394,197.25, thence
23	running north 11 degrees 46 minutes 25.4
24	seconds east 684.70 feet to the point of ori-
25	gin.

1	(iii) The portion of the 10-foot settling
2	basin the boundaries of which begin at a
3	point with coordinates N177,107.78,
4	E394,197.25, thence running north 78 de-
5	grees 13 minutes 45.7 seconds west 10.00
6	feet to a point N177,109.82, E394,187.46,
7	thence running south 11 degrees 46 minutes
8	15.7 seconds west 300.00 feet to a point
9	N176,816.13, E394,126.26, thence running
10	south 78 degrees 12 minutes 21.4 seconds
11	east 9.98 feet to a point N176,814.09,
12	E394,136.03, thence running north 11 de-
13	grees 46 minutes 29.1 seconds east 300.00
14	feet to the point of origin.
15	(iv) The portion of the 10-foot settling
16	basin the boundaries of which begin at a
17	point with coordinates N177,018.00,
18	E394,628.00, thence running north 78 de-
19	grees 13 minutes 45.7 seconds west 10.00
20	feet to a point N177,020.04, E394,618.21,
21	thence running south 11 degrees 46 minutes
22	44.0 seconds west 300.00 feet to a point
23	N176,726.36, E394,556.97, thence running
24	south 78 degrees 12 minutes 30.3 seconds
25	east 10.03 feet to a point N176,724.31,

1	E394,566.79, thence running north 11 de-
2	grees 46 minutes 22.4 seconds east 300.00
3	feet to the point of origin.
4	(C) Redesignations.—The following por-
5	tions of the project shall be redesignated as part
6	of the 6-foot anchorage:
7	(i) The portion of the 6-foot channel
8	the boundaries of which begin at a point
9	with coordinates N177,990.91, E394,820.68,
10	thence running south 83 degrees 58 minutes
11	40.8 seconds west 94.65 feet to a point
12	N177,980.98, E394,726.55, thence running
13	south 11 degrees 46 minutes 22.4 seconds
14	west 962.83 feet to a point N177,038.40,
15	E394,530.10, thence running south 78 de-
16	grees 13 minutes 45.7 seconds east 90.00 feet
17	to a point N177,020.04, E394,618.21, thence
18	running north 11 degrees 46 minutes 47.7
19	seconds east 991.76 feet to the point of ori-
20	gin.
21	(ii) The portion of the 10-foot inner
22	harbor settling basin the boundaries of
23	which begin at a point with coordinates
24	N177,020.04, E394,618.21, thence running
25	north 78 degrees 13 minutes 30.5 seconds

1	west 160.00 feet to a point N177,052.69,
2	E394,461.58, thence running south 11 de-
3	grees 46 minutes 45.4 seconds west 299.99
4	feet to a point N176,759.02, E394,400.34,
5	thence running south 78 degrees 13 minutes
6	17.9 seconds east 160 feet to a point
7	N176,726.36, E394,556.97, thence running
8	north 11 degrees 46 minutes 44.0 seconds
9	east 300.00 feet to the point of origin.
10	(iii) The portion of the 6-foot anchor-
11	age the boundaries of which begin at a
12	point with coordinates N178,102.26,
13	E394,751.83, thence running south 51 de-
14	grees 59 minutes 42.1 seconds west 526.51
15	feet to a point N177,778.07, E394,336.96,
16	thence running south 11 degrees 46 minutes
17	26.6 seconds west 511.83 feet to a point
18	N177,277.01, E394,232.52, thence running
19	south 78 degrees 13 minutes 17.9 seconds
20	east 80.00 feet to a point N177,260.68,
21	E394,310.84, thence running north 11 de-
22	grees 46 minutes 24.8 seconds east 482.54
23	feet to a point N177,733.07, E394,409.30,
24	thence running north 51 degrees 59 minutes
25	41.0 seconds east 402.63 feet to a point

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1	N177,980.98, E394,726.55, thence running
2	north 11 degrees 46 minutes 27.6 seconds
3	east 123.89 feet to the point of origin.
4	(D) Realignment.—The 6-foot anchorage
5	area described in subparagraph $(C)(iii)$ shall be
6	realigned to include the area located south of the
7	inner harbor settling basin in existence on the
8	date of enactment of this Act beginning at a
9	point with coordinates N176,726.36,
10	E394,556.97, thence running north 78 degrees 13
11	minutes 17.9 seconds west 160.00 feet to a point
12	N176,759.02, E394,400.34, thence running south
13	11 degrees 47 minutes 03.8 seconds west 45 feet
14	to a point N176,714.97, E394,391.15, thence
15	running south 78 degrees 13 minutes 17.9 sec-
16	onds 160.00 feet to a point N176,682.31,
17	E394,547.78, thence running north 11 degrees 47
18	minutes 03.8 seconds east 45 feet to the point of
19	origin.
20	(E) RELOCATION.—The Secretary may relo-
21	cate the settling basin feature of the project to the
22	outer harbor between the jetties.
23	(3) New york harbor and adjacent chan-
24	NELS, PORT JERSEY, NEW JERSEY.—

1 (A) IN GENERAL.—The project for naviga-2 tion, New York Harbor and adjacent channels, 3 Port Jersey, New Jersey, authorized by section 4 201(b) of the Water Resources Development Act 5 of 1986 (100 Stat. 4091), is modified to author-6 ize the Secretary to construct the project at a 7 total cost of \$102,545,000, with an estimated 8 Federal cost of \$76,909,000 and an estimated 9 non-Federal cost of \$25,636,000.

10(B) BERTHING AREAS AND OTHER LOCAL11FACILITIES.—The non-Federal interests shall12provide berthing areas and other local service fa-13cilities necessary for the project at an estimated14cost of \$722,000.

(c) BEAVER LAKE, ARKANSAS, WATER SUPPLY STORAGE REALLOCATION.—The Secretary shall reallocate approximately 31,000 additional acre-feet at Beaver Lake, Arkansas, to water supply storage at no cost to the Beaver
Water District or the Carroll-Boone Water District, except
that at no time shall the bottom of the conservation pool
be at an elevation that is less than 1,076 feet, NGVD.

(d) TOLCHESTER CHANNEL S-TURN, BALTIMORE,
MARYLAND.—The project for navigation, Baltimore Harbor
and Channels, Maryland, authorized by section 101 of the
River and Harbor Act of 1958 (72 Stat. 297), is modified

to direct the Secretary to straighten the Tolchester Channel
 S-turn as part of project maintenance.

3 (e) TROPICANA WASH AND FLAMINGO WASH, NE-4 VADA.—Any Federal costs associated with the Tropicana and Flamingo Washes, Nevada, authorized by section 5 6 101(13) of the Water Resources Development Act of 1992 7 (106 Stat. 4803), incurred by the non-Federal interest to 8 accelerate or modify construction of the project, in coopera-9 tion with the Corps of Engineers, shall be considered to be 10 eligible for reimbursement by the Secretary.

(f) Rediversion Project, Cooper River, Charles12 ton Harbor, South Carolina.—

13 (1) IN GENERAL.—The rediversion project, Coo-14 per River, Charleston Harbor, South Carolina, au-15 thorized by section 101 of the River and Harbor Act 16 of 1968 (82 Stat. 731) and modified by title I of the 17 Energy and Water Development Appropriations Act, 18 1992 (105 Stat. 517), is modified to authorize the 19 Secretary to pay the State of South Carolina not 20 more than \$3,750,000, if the State enters into an 21 agreement with the Secretary providing that the State 22 shall perform all future operation of the St. Stephen, 23 South Carolina, fish lift (including associated studies 24 to assess the efficacy of the fish lift).

1 (2) CONTENTS.—The agreement shall specify the 2 terms and conditions under which payment will be 3 made and the rights of, and remedies available to, the 4 Secretary to recover all or a portion of the payment if the State suspends or terminates operation of the 5 6 fish lift or fails to perform the operation in a manner 7 satisfactory to the Secretary. (3) MAINTENANCE.—Maintenance of the fish lift 8 9 shall remain a Federal responsibility. 10 (q) TRINITY RIVER AND TRIBUTARIES, TEXAS.—The 11 project for flood control and navigation, Trinity River and 12 tributaries, Texas, authorized by section 301 of the River 13 and Harbor Act of 1965 (79 Stat. 1091), is modified to 14 add environmental restoration as a project purpose. 15 (h) BEACH EROSION CONTROL AND HURRICANE PRO-TECTION, VIRGINIA BEACH, VIRGINIA.— 16 17 (1) ACCEPTANCE OF FUNDS.—In any fiscal year 18 that the Corps of Engineers does not receive appro-19 priations sufficient to meet expected project expendi-20 tures for that year, the Secretary shall accept from the 21 city of Virginia Beach, Virginia, for purposes of the

tion, Virginia Beach, Virginia, authorized by section
501(a) of the Water Resources Development Act of

project for beach erosion control and hurricane protec-

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1986 (100 Stat. 4136), such funds as the city may
 advance for the project.

3 (2) REPAYMENT.—Subject to the availability of
4 appropriations, the Secretary shall repay, without in5 terest, the amount of any advance made under para6 graph (1), from appropriations that may be provided
7 by Congress for river and harbor, flood control, shore
8 protection, and related projects.

9 (i) ELIZABETH RIVER, CHESAPEAKE, VIRGINIA.—Not-10 withstanding any other provision of law, after the date of enactment of this Act, the city of Chesapeake, Virginia, shall 11 not be obligated to make the annual cash contribution re-12 13 quired under paragraph 1(9) of the Local Cooperation Agreement dated December 12, 1978, between the Govern-14 15 ment and the city for the project for navigation, southern branch of Elizabeth River, Chesapeake, Virginia. 16

(j) PAYMENT OPTION, MOOREFIELD, WEST VIRGINIA.—The Secretary may permit the non-Federal interests for the project for flood control, Moorefield, West Virginia, to pay without interest the remaining non-Federal
cost over a period not to exceed 30 years, to be determined
by the Secretary.

(k) MIAMI DADE AGRICULTURAL AND RURAL LAND
RETENTION PLAN AND SOUTH BISCAYNE, FLORIDA.—Section 528(b)(3) of the Water Resources Development Act of

3	"(D) Credit and reimbursement of
4	PAST AND FUTURE ACTIVITIES.—The Secretary
5	may afford credit to or reimburse the non-Fed-
6	eral sponsors (using funds authorized by sub-
7	paragraph (C)) for the reasonable costs of any
8	work that has been performed or will be per-
9	formed in connection with a study or activity
10	meeting the requirements of subparagraph (A)
11	if—
12	"(i) the Secretary determines that—
13	``(I) the work performed by the
14	non-Federal sponsors will substantially
15	expedite completion of a critical res-
16	toration project; and
17	"(II) the work is necessary for a
18	critical restoration project; and
19	"(ii) the credit or reimbursement is
20	granted pursuant to a project-specific agree-
21	ment that prescribes the terms and condi-
22	tions of the credit or reimbursement.".
23	(1) Lake Michigan, Illinois.—
24	(1) IN GENERAL.—The project for storm damage
25	reduction and shoreline protection, Lake Michigan, Π -

linois, from Wilmette, Illinois, to the Illinois-Indiana
 State line, authorized by section 101(a)(12) of the
 Water Resources Development Act of 1996 (110 Stat.
 3664), is modified to provide for reimbursement for
 additional project work undertaken by the non-Fed eral interest.
 (2) CREDIT OR REIMBURSEMENT.—The Sec-

8 retary shall credit or reimburse the non-Federal inter-9 est for the Federal share of project costs incurred by 10 the non-Federal interest in designing, constructing, or 11 reconstructing reach 2F (700 feet south of Fullerton 12 Avenue and 500 feet north of Fullerton Avenue), reach 13 3M (Meigs Field), and segments 7 and 8 of reach 4 14 (43rd Street to 57th Street), if the non-Federal interest carries out the work in accordance with plans ap-15 16 proved by the Secretary, at an estimated total cost of 17 \$83,300,000.

18 (3) REIMBURSEMENT.—The Secretary shall re19 imburse the non-Federal interest for the Federal share
20 of project costs incurred by the non-Federal interest
21 in reconstructing the revetment structures protecting
22 Solidarity Drive in Chicago, Illinois, before the sign23 ing of the project cooperation agreement, at an esti24 mated total cost of \$7,600,000.

(m) MEASUREMENTS OF LAKE MICHIGAN DIVER SIONS, ILLINOIS.—Section 1142(b) of the Water Resources
 Development Act of 1986 (100 Stat. 4253) is amended by
 striking "\$250,000 per fiscal year for each fiscal year begin ning after September 30, 1986" and inserting "a total of
 \$1,250,000 for each of fiscal years 1999 through 2003".

(n) PROJECT FOR NAVIGATION, DUBUQUE, IOWA.—
8 The project for navigation at Dubuque, Iowa, authorized
9 by section 101 of the River and Harbor Act of 1960 (74
10 Stat. 482), is modified to authorize the development of a
11 wetland demonstration area of approximately 1.5 acres to
12 be developed and operated by the Dubuque County Histor13 ical Society or a successor nonprofit organization.

(o) LOUISIANA STATE PENITENTIARY LEVEE.—The
Secretary may credit against the non-Federal share work
performed in the project area of the Louisiana State Penitentiary Levee, Mississippi River, Louisiana, authorized by
section 401(a) of the Water Resources Development Act of
1986 (100 Stat. 4117).

(p) JACKSON COUNTY, MISSISSIPPI.—The project for
environmental infrastructure, Jackson County, Mississippi,
authorized by section 219(c)(5) of the Water Resources Development Act of 1992 (106 Stat. 4835) and modified by
section 504 of the Water Resources Development Act of 1996
(110 Stat. 3757), is modified to direct the Secretary to pro-

vide a credit, not to exceed \$5,000,000, against the non Federal share of the cost of the project for the costs incurred
 by the Jackson County Board of Supervisors since February
 8, 1994, in constructing the project, if the Secretary deter mines that such costs are for work that the Secretary deter mines was compatible with and integral to the project.

7 (q) Richard B. Russell Dam and Lake, South
8 Carolina.—

9 (1) IN GENERAL.—Except as otherwise provided 10 in this paragraph, the Secretary shall convey to the 11 State of South Carolina all right, title, and interest 12 of the United States in the parcels of land described 13 in subparagraph (B) that are currently being man-14 aged by the South Carolina Department of Natural 15 Resources for fish and wildlife mitigation purposes 16 for the Richard B. Russell Dam and Lake, South 17 Carolina, project authorized by the Flood Control Act 18 of 1966 and modified by the Water Resources Devel-19 opment Act of 1986.

20 (2) LAND DESCRIPTION.—

21 (A) IN GENERAL.—The parcels of land to be
22 conveyed are described in Exhibits A, F, and H
23 of Army Lease No. DACW21–1–93–0910 and as24 sociated supplemental agreements or are des25 ignated in red in Exhibit A of Army License No.

1	DACW21-3-85-1904, excluding all designated
2	parcels in the license that are below elevation
3	346 feet mean sea level or that are less than 300
4	feet measured horizontally from the top of the
5	power pool.
6	(B) MANAGEMENT OF EXCLUDED PAR-
7	CELS.—Management of the excluded parcels shall
8	continue in accordance with the terms of Army
9	License No. DACW21-3-85-1904 until the Sec-
10	retary and the State enter into an agreement
11	under subparagraph (F).
12	(C) SURVEY.—The exact acreage and legal
13	description of the land shall be determined by a
14	survey satisfactory to the Secretary, with the cost
15	of the survey borne by the State.
16	(3) Costs of conveyance.—The State shall be
17	responsible for all costs, including real estate trans-
18	action and environmental compliance costs, associated
19	with the conveyance.
20	(4) Perpetual status.—
21	(A) IN GENERAL.—All land conveyed under
22	this paragraph shall be retained in public own-
23	ership and shall be managed in perpetuity for
24	fish and wildlife mitigation purposes in accord-
25	ance with a plan approved by the Secretary.

	100
1	(B) REVERSION.—If any parcel of land is
2	not managed for fish and wildlife mitigation
3	purposes in accordance with the plan, title to the
4	parcel shall revert to the United States.
5	(5) Additional terms and conditions.—The
6	Secretary may require such additional terms and
7	conditions in connection with the conveyance as the
8	Secretary considers appropriate to protect the inter-
9	ests of the United States.
10	(6) FISH AND WILDLIFE MITIGATION AGREE-
11	MENT.—
12	(A) IN GENERAL.—The Secretary may pay
13	the State of South Carolina not more than
14	\$4,850,000 subject to the Secretary and the State
15	entering into a binding agreement for the State
16	to manage for fish and wildlife mitigation pur-
17	poses in perpetuity the lands conveyed under this
18	paragraph and excluded parcels designated in
19	Exhibit A of Army License No. DACW21–3–85–
20	1904.
21	(B) FAILURE OF PERFORMANCE.—The
22	agreement shall specify the terms and conditions
23	under which payment will be made and the
24	rights of, and remedies available to, the Federal
25	Government to recover all or a portion of the

1	payment if the State fails to manage any parcel
2	in a manner satisfactory to the Secretary.
3	(r) Land Conveyance, Clarkston, Washington.—
4	(1) IN GENERAL.—The Secretary shall convey to
5	the Port of Clarkston, Washington, all right, title, and
6	interest of the United States in and to a portion of
7	the land described in the Department of the Army
8	lease No. DACW68–1–97–22, consisting of approxi-
9	mately 31 acres, the exact boundaries of which shall
10	be determined by the Secretary and the Port of
11	Clarkston.
12	(2) ADDITIONAL LAND.—The Secretary may con-
13	vey to the Port of Clarkston, Washington, such addi-
14	tional land located in the vicinity of Clarkston, Wash-
15	ington, as the Secretary determines to be excess to the
16	needs of the Columbia River Project and appropriate
17	for conveyance.
18	(3) TERMS AND CONDITIONS.—The conveyances
19	made under paragraphs (1) and (2) shall be subject

19 made under paragraphs (1) and (2) shall be subject 20 to such terms and conditions as the Secretary deter-21 mines to be necessary to protect the interests of the 22 United States, including a requirement that the Port 23 of Clarkston pay all administrative costs associated 24 with the conveyances, including the cost of land sur-25 veys and appraisals and costs associated with compliance with applicable environmental laws (including
 regulations).

3 (4) USE OF LAND.—The Port of Clarkston shall 4 be required to pay the fair market value, as determined by the Secretary, of any land conveyed pursu-5 6 ant to paragraphs (1) and (2) that is not retained in 7 public ownership and used for public park or recre-8 ation purposes, except that the Secretary shall have a 9 right of reverter to reclaim possession and title to any 10 such land.

11 (s) WHITE RIVER, INDIANA.—The project for flood con-12 trol, Indianapolis on West Fork of the White River, Indi-13 ana, authorized by section 5 of the Act entitled "An Act authorizing the construction of certain public works on riv-14 15 ers and harbors for flood control, and other purposes", approved June 22, 1936 (49 Stat. 1586, chapter 688), as 16 17 modified by section 323 of the Water Resources Development Act of 1996 (110 Stat. 3716), is modified to authorize the 18 Secretary to undertake the riverfront alterations described 19 in the Central Indianapolis Waterfront Concept Plan, dated 20 21 February 1994, for the Canal Development (Upper Canal 22 feature) and the Beveridge Paper feature, at a total cost 23 not to exceed \$25,000,000, of which \$12,500,000 is the esti-24 mated Federal cost and \$12,500,000 is the estimated non-25 Federal cost, except that no such alterations may be undertaken unless the Secretary determines that the alterations
 authorized by this subsection, in combination with the al terations undertaken under section 323 of the Water Re sources Development Act of 1996 (110 Stat. 3716), are eco nomically justified.

6 (t) Fox Point Hurricane Barrier, Providence, 7 RHODE ISLAND.—The project for hurricane-flood protec-8 tion, Fox Point, Providence, Rhode Island, authorized by 9 section 203 of the Flood Control Act of 1958 (72 Stat. 306) 10 is modified to direct the Secretary to undertake the necessary repairs to the barrier, as identified in the Condition 11 Survey and Technical Assessment dated April 1998 with 12 13 Supplement dated August 1998, at a total cost of \$3,000,000, with an estimated Federal cost of \$1,950,000 14 15 and an estimated non-Federal cost of \$1,050,000.

16 SEC. 103. PROJECT DEAUTHORIZATIONS.

17 (a) BRIDGEPORT HARBOR, CONNECTICUT.—The portion of the project for navigation, Bridgeport Harbor, Con-18 necticut, authorized by section 101 of the River and Harbor 19 Act of 1958 (72 Stat. 297), consisting of a 2.4-acre anchor-20 21 age area 9 feet deep and an adjacent 0.60-acre anchorage 22 area 6 feet deep, located on the west side of Johnsons River, 23 Connecticut, is not authorized after the date of enactment 24 of this Act.

25 (b) BASS HARBOR, MAINE.—

1	(1) DEAUTHORIZATION.—The portions of the
2	project for navigation, Bass Harbor, Maine, author-
3	ized on May 7, 1962, under section 107 of the River
4	and Harbor Act of 1960 (33 U.S.C. 577) described in
5	paragraph (2) are not authorized after the date of en-
6	actment of this Act.
7	(2) Description.—The portions of the project
8	referred to in paragraph (1) are described as follows:
9	(A) Beginning at a bend in the project,
10	N149040.00, E538505.00, thence running eas-
11	terly about 50.00 feet along the northern limit of
12	the project to a point, N149061.55, E538550.11,
13	thence running southerly about 642.08 feet to a
14	point, N148477.64, E538817.18, thence running
15	southwesterly about 156.27 feet to a point on the
16	westerly limit of the project, N148348.50,
17	E538737.02, thence running northerly about
18	149.00 feet along the westerly limit of the project
19	to a bend in the project, N148489.22,
20	E538768.09, thence running northwesterly about
21	610.39 feet along the westerly limit of the project
22	to the point of origin.
23	(B) Beginning at a point on the westerly
24	limit of the project, N148118.55, E538689.05,
25	thence running southeasterly about 91.92 feet to

1 a point, N148041.43, E538739.07, thence run-2 ning southerly about 65.00 feet to a point, 3 N147977.86, E538725.51, thence running south-4 westerly about 91.92 feet to a point on the west-5 erly limit ofthe project. N147927.84. 6 E538648.39, thence running northerly about 7 195.00 feet along the westerly limit of the project 8 to the point of origin.

9 (c) BOOTHBAY HARBOR, MAINE.—The project for
10 navigation, Boothbay Harbor, Maine, authorized by the Act
11 of July 25, 1912 (37 Stat. 201, chapter 253), is not author12 ized after the date of enactment of this Act.

(d) EAST BOOTHBAY HARBOR, MAINE.—Section 364
of the Water Resources Development Act of 1996 (110 Stat.
3731) is amended by striking paragraph (9) and inserting
the following:

"(9) EAST BOOTHBAY HARBOR, MAINE.—The
project for navigation, East Boothbay Harbor, Maine,
authorized by the first section of the Act entitled 'An
Act making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes', approved
June 25, 1910 (36 Stat. 657).".

1 SEC. 104. STUDIES.

2 (a) CADDO LEVEE, RED RIVER BELOW DENISON DAM, ARIZONA, LOUISIANA, OKLAHOMA, AND TEXAS.—The Sec-3 retary shall conduct a study to determine the feasibility of 4 5 undertaking a project for flood control, Caddo Levee, Red River Below Denison Dam, Arizona, Louisiana, Oklahoma, 6 7 and Texas, including incorporating the existing levee, along Twelve Mile Bayou from its juncture with the existing Red 8 9 River Below Denison Dam Levee approximately 26 miles upstream to its terminus at high ground in the vicinity 10 11 of Black Bayou, Louisiana.

12 (b) FIELDS LANDING CHANNEL, HUMBOLDT HARBOR,
13 CALIFORNIA.—The Secretary—

14 (1) shall conduct a study for the project for navi-15 gation, Fields Landing Channel, Humboldt Harbor 16 and Bay, California, to a depth of minus 35 feet 17 (MLLW), and for that purpose may use any feasi-18 bility report prepared by the non-Federal sponsor 19 under section 203 of the Water Resources Development 20 Act of 1986 (33 U.S.C. 2231) for which reimburse-21 ment of the Federal share of the study is authorized 22 subject to the availability of appropriations; and 23 (2) may carry out the project under section 107

- 24 of the River and Harbor Act of 1960 (33 U.S.C. 577),
- 25 *if the Secretary determines that the project is feasible.*

(c) STRAWBERRY CREEK, BERKELEY, CALIFORNIA.—
 The Secretary shall conduct a study to determine the feasi bility of restoring Strawberry Creek, Berkeley, California,
 and the Federal interest in environmental restoration, con servation of fish and wildlife resources, recreation, and
 water quality.

7 (d) WEST SIDE STORM WATER RETENTION FACILITY,
8 CITY OF LANCASTER, CALIFORNIA.—The Secretary shall
9 conduct a study to determine the feasibility of undertaking
10 measures to construct the West Side Storm Water Retention
11 Facility in the city of Lancaster, California.

(e) APALACHICOLA RIVER, FLORIDA.—The Secretary
shall conduct a study for the purpose of identifying—

14 (1) alternatives for the management of material
15 dredged in connection with operation and mainte16 nance of the Apalachicola River Navigation Project;
17 and

18 (2) alternatives that reduce the requirements for19 such dredging.

(f) BROWARD COUNTY, SAND BYPASSING AT PORT EV21 ERGLADES, FLORIDA.—The Secretary shall conduct a study
22 to determine the feasibility of constructing a sand bypass23 ing project at the Port Everglades Inlet, Florida.

1	(g) City of Destin-Noriega Point Breakwater,
2	FLORIDA.—The Secretary shall conduct a study to deter-
3	mine the feasibility of—
4	(1) restoring Noriega Point, Florida, to serve as
5	a breakwater for Destin Harbor; and
6	(2) including Noriega Point as part of the East
7	Pass, Florida, navigation project.
8	(h) GATEWAY TRIANGLE REDEVELOPMENT AREA,
9	FLORIDA.—
10	(1) IN GENERAL.—The Secretary shall conduct a
11	study to determine the feasibility of undertaking
12	measures to reduce the flooding problems in the vicin-
13	ity of Gateway Triangle Redevelopment Area, Flor-
14	ida.
15	(2) Studies and reports.—The study shall in-
16	clude a review and consideration of studies and re-
17	ports completed by the non-Federal interests.
18	(i) CITY OF PLANT CITY, FLORIDA.—
19	(1) IN GENERAL.—The Secretary shall conduct a
20	study to determine the feasibility of a flood control
21	project in the city of Plant City, Florida.
22	(2) Studies and reports.—In conducting the
23	study, the Secretary shall review and consider studies
24	and reports completed by the non-Federal interests.

(j) GOOSE CREEK WATERSHED, OAKLEY, IDAHO.—
 The Secretary shall conduct a study to determine the feasi bility of undertaking flood damage reduction, water con servation, ground water recharge, ecosystem restoration,
 and related purposes along the Goose Creek watershed near
 Oakley, Idaho.

7 (k) LITTLE WOOD RIVER, GOODING, IDAHO.—The Sec8 retary shall conduct a study to determine the feasibility of
9 restoring and repairing the Lava Rock Little Wood River
10 Containment System to prevent flooding in the city of
11 Gooding, Idaho.

(l) SNAKE RIVER AND PAYETTE RIVER, IDAHO.—The
Secretary shall conduct a study to determine the feasibility
of a flood control project along the Snake River and Payette
River, in the vicinity of Payette, Idaho.

16 (m) ACADIANA NAVIGATION CHANNEL, LOUISIANA.—
17 The Secretary shall conduct a study to determine the feasi18 bility of assuming operations and maintenance for the
19 Acadiana Navigation Channel located in Iberia and
20 Vermillion Parishes, Louisiana.

(n) CAMERON PARISH WEST OF CALCASIEU RIVER,
LOUISIANA.—The Secretary shall conduct a study to determine the feasibility of a storm damage reduction and ecosystem restoration project for Cameron Parish west of
Calcasieu River, Louisiana.

(o) BENEFICIAL USE OF DREDGED MATERIAL, COAST AL LOUISIANA.—The Secretary shall conduct a study to de termine the feasibility of using dredged material from
 maintenance activities at Federal navigation projects in
 coastal Louisiana to benefit coastal areas in the State.

6 (p) CONTRABAND BAYOU NAVIGATION CHANNEL, LOU7 ISIANA.—The Secretary shall conduct a study to determine
8 the feasibility of assuming the maintenance at Contraband
9 Bayou, Calcasieu River Ship Canal, Louisiana.

(q) GOLDEN MEADOW LOCK, LOUISIANA.—The Secretary shall conduct a study to determine the feasibility of
converting the Golden Meadow floodgate into a navigation
lock to be included in the Larose to Golden Meadow Hurricane Protection Project, Louisiana.

15 (r) GULF INTRACOASTAL WATERWAY ECOSYSTEM
16 PROTECTION, CHEF MENTEUR TO SABINE RIVER, LOU17 ISLANA.—

18 (1) IN GENERAL.—The Secretary shall conduct a
19 study to determine the feasibility of undertaking eco20 system restoration and protection measures along the
21 Gulf Intracoastal Waterway from Chef Menteur to
22 Sabine River, Louisiana.

23 (2) MATTERS TO BE ADDRESSED.—The study
24 shall address saltwater intrusion, tidal scour, erosion,

and other water resources related problems in that
 area.

3 (s) LAKE PONTCHARTRAIN, LOUISIANA, AND VICINITY, 4 ST. CHARLES PARISH PUMPS.—The Secretary shall conduct a study to determine the feasibility of modifying the 5 Lake Pontchartrain Hurricane Protection Project to in-6 7 clude the St. Charles Parish Pumps and the modification 8 of the seawall fronting protection along Lake Pontchartrain 9 in Orleans Parish, from New Basin Canal on the west to the Inner Harbor Navigation Canal on the east. 10

11 (t) Lake Pontchartrain and Vicinity Seawall RESTORATION, LOUISIANA.—The Secretary shall conduct a 12 study to determine the feasibility of undertaking structural 13 modifications of that portion of the seawall fronting protec-14 15 tion along the south shore of Lake Pontchartrain in Orleans Parish, Louisiana, extending approximately 5 miles from 16 the new basin Canal on the west to the Inner Harbor Navi-17 gation Canal on the east as a part of the Lake Pont-18 chartrain and Vicinity Hurricane Protection Project, au-19 thorized by section 204 of the Flood Control Act of 1965 20 21 (79 Stat. 1077).

(u) DETROIT RIVER, MICHIGAN, GREENWAY CORRIDOR STUDY.—

24 (1) IN GENERAL.—The Secretary shall conduct a
25 study to determine the feasibility of a project for

shoreline protection, frontal erosion, and associated
 purposes in the Detroit River shoreline area from the
 Belle Isle Bridge to the Ambassador Bridge in De troit, Michigan.

5 (2) POTENTIAL MODIFICATIONS.—As a part of
6 the study, the Secretary shall review potential project
7 modifications to any existing Corps projects within
8 the same area.

9 (v) ST. CLAIR SHORES FLOOD CONTROL, MICHI-10 GAN.—The Secretary shall conduct a study to determine the 11 feasibility of constructing a flood control project at St. Clair 12 Shores, Michigan.

(w) WOODTICK PENINSULA, MICHIGAN, AND TOLEDO
HARBOR, OHIO.—The Secretary shall conduct a study to
determine the feasibility of utilizing dredged material from
Toledo Harbor, Ohio, to provide erosion reduction, navigation, and ecosystem restoration at Woodtick Peninsula,
Michigan.

19 (x) TUNICA LAKE WEIR, MISSISSIPPI.—

20 (1) IN GENERAL.—The Secretary shall conduct a
21 study to determine the feasibility of constructing an
22 outlet weir at Tunica Lake, Tunica County, Mis23 sissippi, and Lee County, Arkansas, for the purpose
24 of stabilizing water levels in the Lake.

1	(2) Economic analysis.—In carrying out the
2	study, the Secretary shall include as a part of the eco-
3	nomic analysis the benefits derived from recreation
4	uses at the Lake and economic benefits associated
5	with restoration of fish and wildlife habitat.
6	(y) Protective Facilities for the St. Louis, Mis-
7	souri, Riverfront Area.—
8	(1) STUDY.—The Secretary shall conduct a study
9	to determine the optimal plan to protect facilities that
10	are located on the Mississippi River riverfront within
11	the boundaries of St. Louis, Missouri.
12	(2) Requirements.—In conducting the study,
13	the Secretary shall—
14	(A) evaluate alternatives to offer safety and
15	security to facilities; and
16	(B) use state-of-the-art techniques to best
17	evaluate the current situation, probable solu-
18	tions, and estimated costs.
19	(3) REPORT.—Not later than April 15, 1999, the
20	Secretary shall submit to Congress a report on the re-
21	sults of the study.
22	(z) Yellowstone River, Montana.—
23	(1) STUDY.—The Secretary shall conduct a com-
24	prehensive study of the Yellowstone River from Gar-
25	diner, Montana to the confluence of the Missouri

	200
1	River to determine the hydrologic, biological, and so-
2	cioeconomic cumulative impacts on the river.
3	(2) Consultation and coordination.—The
4	Secretary shall conduct the study in consultation with
5	the United States Fish and Wildlife Service, the
6	United States Geological Survey, and the Natural Re-
7	sources Conservation Service and with the full par-
8	ticipation of the State of Montana and tribal and
9	local entities, and provide for public participation.
10	(3) REPORT.—Not later than 5 years after the
11	date of enactment of this Act, the Secretary shall sub-
12	mit a report to Congress on the results of the study.
13	(aa) LAS VEGAS VALLEY, NEVADA.—
14	(1) IN GENERAL.—The Secretary shall conduct a
15	comprehensive study of water resources located in the
16	Las Vegas Valley, Nevada.
17	(2) OBJECTIVES.—The study shall identify prob-
18	lems and opportunities related to ecosystem restora-
19	tion, water quality, particularly the quality of surface
20	runoff, water supply, and flood control.
21	(bb) Oswego River Basin, New York.—The Sec-
22	retary shall conduct a study to determine the feasibility of
23	establishing a flood forecasting system within the Oswego
24	River basin, New York.

(cc) PORT OF NEW YORK-NEW JERSEY NAVIGATION
 STUDY AND ENVIRONMENTAL RESTORATION STUDY.—

3 (1) NAVIGATION STUDY.—The Secretary shall 4 conduct a comprehensive study of navigation needs at 5 the Port of New York-New Jersey (including the South Brooklyn Marine and Red Hook Container 6 7 Terminals. Staten Island, and adjacent areas) to ad-8 dress improvements, including deepening of existing 9 channels to depths of 50 feet or greater, that are re-10 quired to provide economically efficient and environ-11 mentally sound navigation to meet current and future 12 requirements.

13 (2) ENVIRONMENTAL RESTORATION STUDY.—The 14 Secretary, acting through the Chief of Engineers, shall 15 review the report of the Chief of Engineers on the New 16 York Harbor, printed in the House Management Plan 17 of the Harbor Estuary Program, and other pertinent 18 reports concerning the New York Harbor Region and 19 the Port of New York-New Jersey, to determine the 20 Federal interest in advancing harbor environmental 21 restoration.

(3) REPORT.—The Secretary may use funds
from the ongoing navigation study for New York and
New Jersey Harbor to complete a reconnaissance report for environmental restoration by December 31,

1	1999. The navigation study to deepen New York and
2	New Jersey Harbor shall consider beneficial use of
3	dredged material.
4	(dd) Bank Stabilization, Missouri River, North
5	Dakota.—
6	(1) Study.—
7	(A) IN GENERAL.—The Secretary shall con-
8	duct a study to determine the feasibility of bank
9	stabilization on the Missouri River between the
10	Garrison Dam and Lake Oahe in North Dakota.
11	(B) ELEMENTS.—In conducting the study,
12	the Secretary shall study—
13	(i) options for stabilizing the erosion
14	sites on the banks of the Missouri River be-
15	tween the Garrison Dam and Lake Oahe
16	identified in the report developed by the
17	North Dakota State Water Commission,
18	dated December 1997, including stabiliza-
19	tion through nontraditional measures;
20	(ii) the cumulative impact of bank sta-
21	bilization measures between the Garrison
22	Dam and Lake Oahe on fish and wildlife
23	habitat and the potential impact of addi-
24	tional stabilization measures, including the

1	impact of $nontraditional$ $stabilization$
2	measures;
3	(iii) the current and future effects, in-
4	cluding economic and fish and wildlife
5	habitat effects, that bank erosion is having
6	on creating the delta at the beginning of
7	Lake Oahe; and
8	(iv) the impact of taking no additional
9	measures to stabilize the banks of the Mis-
10	souri River between the Garrison Dam and
11	Lake Oahe.
12	(C) INTERESTED PARTIES.—In conducting
13	the study, the Secretary shall, to the maximum
14	extent practicable, seek the participation and
15	views of interested Federal, State, and local
16	agencies, landowners, conservation organizations,
17	and other persons.
18	(D) Report.—
19	(i) IN GENERAL.—The Secretary shall
20	report to Congress on the results of the
21	study not later than 1 year after the date
22	of enactment of this Act.
23	(ii) Status.—If the Secretary cannot
24	complete the study and report to Congress
25	by the day that is 1 year after the date of

1	enactment of this Act, the Secretary shall,
2	by that day, report to Congress on the sta-
3	tus of the study and report, including an es-
4	timate of the date of completion.
5	(2) Effect on existing projects.—This sub-
6	section does not preclude the Secretary from estab-
7	lishing or carrying out a stabilization project that is
8	authorized by law.
9	(ee) Cleveland Harbor, Cleveland, Ohio.—The
10	Secretary shall conduct a study to determine the feasibility
11	of undertaking repairs and related navigation improve-
12	ments at Dike 14, Cleveland, Ohio.
13	(ff) East Lake, Vermillion and Chagrin, Ohio.—
14	(1) IN GENERAL.—The Secretary shall conduct a
15	study to determine the feasibility of undertaking flood
16	damage reduction at East Lake, Vermillion and Cha-
17	grin, Ohio.
18	(2) ICE RETENTION STRUCTURE.—In conducting
19	the study, the Secretary may consider construction of
20	an ice retention structure as a potential means of
21	providing flood damage reduction.
22	(gg) Toussaint River, Carroll Township, Ohio.—
23	The Secretary shall conduct a study to determine the feasi-
24	bility of undertaking navigation improvements at Tous-
25	agint Dinon Cannoll Tourschip Ohio

25 saint River, Carroll Township, Ohio.

1 (hh) Santee Delta Wetland Habitat, South 2 CAROLINA.—Not later than 18 months after the date of en-3 actment of this Act, the Secretary shall complete a com-4 prehensive study of the ecosystem in the Santee Delta focus area of South Carolina to determine the feasibility of under-5 taking measures to enhance the wetland habitat in the area. 6 7 (ii) WACCAMAW RIVER, SOUTH CAROLINA.—The Sec-8 retary shall conduct a study to determine the feasibility of a flood control project for the Waccamaw River in Horry 9 County, South Carolina. 10

(jj) Upper Susquehanna-Lackawanna, Pennsylvania, Watershed Management and Restoration
8TUDY.—

14 (1) IN GENERAL.—The Secretary shall conduct a
15 study to determine the feasibility of a comprehensive
16 flood plain management and watershed restoration
17 project for the Upper Susquehanna-Lackawanna Wa18 tershed, Pennsylvania.

19 (2) GEOGRAPHIC INFORMATION SYSTEM.—In
20 conducting the study, the Secretary shall use a geo21 graphic information system.

(3) PLANS.—The study shall formulate plans for
comprehensive flood plain management and environmental restoration.

1 (4) CREDITING.—Non-Federal interests may re-2 ceive credit for in-kind services and materials that 3 contribute to the study. The Secretary may credit 4 non-Corps Federal assistance provided to the non-Federal interest toward the non-Federal share of 5 6 study costs to the maximum extent authorized by law. 7 (kk) NIOBRARA RIVER AND MISSOURI RIVER SEDI-8 MENTATION STUDY, SOUTH DAKOTA.—The Secretary shall 9 conduct a study of the Niobrara River watershed and the 10 operations of Fort Randall Dam and Gavins Point Dam on the Missouri River to determine the feasibility of alle-11 viating the bank erosion, sedimentation, and related prob-12 lems in the lower Niobrara River and the Missouri River 13 below Fort Randall Dam. 14

15 (11) SANTA CLARA RIVER, UTAH.—

16 (1) IN GENERAL.—The Secretary shall conduct a
17 study to determine the feasibility of undertaking
18 measures to alleviate damage caused by flooding, bank
19 erosion, and sedimentation along the watershed of the
20 Santa Clara River, Utah, above the Gunlock Res21 ervoir.

(2) CONTENTS.—The study shall include an
analysis of watershed conditions and water quality,
as related to flooding and bank erosion, along the

Santa Clara River in the vicinity of the town of Gun lock, Utah.

3 (mm) AGAT SMALL BOAT HARBOR, GUAM.—The Sec4 retary shall conduct a study to determine the feasibility of
5 undertaking the repair and reconstruction of Agat Small
6 Boat Harbor, Guam, including the repair of existing shore
7 protection measures and construction or a revetment of the
8 breakwater seawall.

9 (nn) APRA HARBOR SEAWALL, GUAM.—The Secretary
10 shall conduct a study to determine the feasibility of under11 taking measures to repair, upgrade, and extend the seawall
12 protecting Apra Harbor, Guam, and to ensure continued
13 access to the harbor via Route 11B.

(oo) APRA HARBOR FUEL PIERS, GUAM.—The Secretary shall conduct a study to determine the feasibility of
undertaking measures to upgrade the piers and fuel transmission lines at the fuel piers in the Apra Harbor, Guam,
and measures to provide for erosion control and protection
against storm damage.

(pp) MAINTENANCE DREDGING OF HARBOR PIERS,
GUAM.—The Secretary shall conduct a study to determine
the feasibility of Federal maintenance of areas adjacent to
piers at harbors in Guam, including Apra Harbor, Agat
Harbor, and Agana Marina.

25 (qq) Alternative Water Sources Study.—

1	(1) IN GENERAL.—The Administrator of the En-
2	vironmental Protection Agency shall conduct a study
3	of the water supply needs of States that are not cur-
4	rently eligible for assistance under title XVI of the
5	Reclamation Projects Authorization and Adjustment
6	Act of 1992 (43 U.S.C. 390h et seq.).
7	(2) Requirements.—The study shall—
8	(A) identify the water supply needs (includ-
9	ing potable, commercial, industrial, recreational
10	and agricultural needs) of each State described
11	in paragraph (1) through 2020, making use of
12	such State, regional, and local plans, studies,
13	and reports as are available;
14	(B) evaluate the feasibility of various alter-
15	native water source technologies such as reuse
16	and reclamation of wastewater and stormwater
17	(including indirect potable reuse), aquifer stor-
18	age and recovery, and desalination to meet the
19	anticipated water supply needs of the States;
20	and
21	(C) assess how alternative water sources
22	technologies can be utilized to meet the identified
23	needs.

1 (3) REPORT.—The Administrator shall report to 2 Congress on the results of the study not more than 3 180 days after the date of enactment of this Act. TITLE II—GENERAL PROVISIONS 4 5 SEC. 201. FLOOD HAZARD MITIGATION AND RIVERINE ECO-6 SYSTEM RESTORATION PROGRAM. 7 (a) IN GENERAL.— 8 (1) AUTHORIZATION.—The Secretary may carry 9 out a program to reduce flood hazards and restore the 10 natural functions and values of riverine ecosystems 11 throughout the United States. 12 (2) STUDIES.—In carrying out the program, the 13 Secretary shall conduct studies to identify appro-14 priate flood damage reduction, conservation, and res-15 toration measures and may design and implement 16 watershed management and restoration projects. 17 (3) PARTICIPATION.—The studies and projects 18 carried out under the program shall be conducted, to 19 the extent practicable, with the full participation of 20 the appropriate Federal agencies, including the De-21 partment of Agriculture, the Federal Emergency Man-22 agement Agency, the Department of the Interior, the 23 Environmental Protection Agency, and the Depart-

24 *ment of Commerce.*

1	(4) Nonstructural approaches.—The studies
2	and projects shall, to the extent practicable, emphasize
3	nonstructural approaches to preventing or reducing
4	flood damages.
5	(b) Cost-Sharing Requirements.—
6	(1) Studies.—The cost of studies conducted
7	under subsection (a) shall be shared in accordance
8	with section 105 of the Water Resources Development
9	Act of 1986 (33 Stat. 2215).
10	(2) PROJECTS.—The non-Federal interests shall
11	pay 35 percent of the cost of any project carried out
12	under this section.
13	(3) IN-KIND CONTRIBUTIONS.—The non-Federal
14	interests shall provide all land, easements, rights-of-
15	way, dredged material disposal areas, and relocations
16	necessary for the projects. The value of the land, ease-
17	ments, rights-of-way, dredged material disposal areas,
18	and relocations shall be credited toward the payment
19	required under this subsection.
20	(4) Responsibilities of the non-federal in-
21	TERESTS.—The non-Federal interests shall be respon-
22	sible for all costs associated with operating, maintain-
23	ing, replacing, repairing, and rehabilitating all
24	projects carried out under this section.
25	(c) Project Justification.—

1	(1) IN GENERAL.—The Secretary may implement
2	a project under this section if the Secretary deter-
3	mines that the project—
4	(A) will significantly reduce potential flood
5	damages;
6	(B) will improve the quality of the environ-
7	ment; and
8	(C) is justified considering all costs and
9	beneficial outputs of the project.
10	(2) Selection criteria; policies and proce-
11	DURES.—Not later than 180 days after the date of en-
12	actment of this Act, the Secretary shall—
13	(A) develop criteria for selecting and rating
14	the projects to be carried out as part of the pro-
15	gram authorized by this section; and
16	(B) establish policies and procedures for
17	carrying out the studies and projects undertaken
18	under this section.
19	(d) Reporting Requirement.—The Secretary may
20	not implement a project under this section until—
21	(1) the Secretary provides to the Committee on
22	Environment and Public Works of the Senate and the
23	Committee on Transportation and Infrastructure of
24	the House of Representatives a written notification

 2 under subsection (c); and 3 (2) a period of 21 calendar days has expired f 4 lowing the date on which the notification was received 5 by the Committees. 6 (e) PRIORITY AREAS.—In carrying out this section 7 the Secretary shall examine the potential for flood dame 8 reductions at appropriate locations, including— 9 (1) Le May, Missouri; 10 (2) the upper Delaware River basin, New Yo 11 (3) Mill Creek, Cincinnati, Ohio; 	ved on,
 4 lowing the date on which the notification was received 5 by the Committees. 6 (e) PRIORITY AREAS.—In carrying out this section 7 the Secretary shall examine the potential for flood dame 8 reductions at appropriate locations, including— 9 (1) Le May, Missouri; 10 (2) the upper Delaware River basin, New Yo 	ved on,
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 9 (1) Le May, Missouri; 10 (2) the upper Delaware River basin, New Yo 	
10 (2) the upper Delaware River basin, New Yo	
11 (3) Mill Creek Cincinnati Ohio	rk;
12 (4) Tillamook County, Oregon;	
13 (5) Willamette River basin, Oregon; and	
14 (6) Providence County, Rhode Island.	
15 (f) PER-PROJECT LIMITATION.—Not more th	an
16 \$25,000,000 in Army Civil Works appropriations may	be
17 expended on any single project undertaken under this s	ec-
18 <i>tion.</i>	
19 (g) AUTHORIZATION OF APPROPRIATIONS.—	
20 (1) IN GENERAL.—There is authorized to be a	ıp-
21 propriated to carry out this section \$75,000,000	for
22 the named of final years 2000 and 2001	
22 the period of fiscal years 2000 and 2001.	
 22 the period of fiscal years 2000 and 2001. 23 (2) PROGRAM FUNDING LEVELS.—All stud 	ies

1	ed within the program funding levels provided in this
2	subsection.
3	SEC. 202. SHORE PROTECTION.
4	Section 103(d) of the Water Resources Development
5	Act of 1986 (33 U.S.C. 2213(d)) is amended—
6	(1) by striking "Costs of constructing" and in-
7	serting the following:
8	"(1) CONSTRUCTION.—Costs of constructing";
9	and
10	(2) by adding at the end the following:
11	"(2) Periodic nourishment.—In the case of a
12	project authorized for construction after December 31,
13	1999, or for which a feasibility study is completed
14	after that date, the non-Federal cost of the periodic
15	nourishment of projects or measures for shore protec-
16	tion or beach erosion control shall be 50 percent, ex-
17	cept that—
18	"(A) all costs assigned to benefits to pri-
19	vately owned shores (where use of such shores is
20	limited to private interests) or to prevention of
21	losses of private land shall be borne by non-Fed-
22	eral interests; and
23	((B) all costs assigned to the protection of
24	federally owned shores shall be borne by the
25	United States.".

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2 Section 205 of the Flood Control Act of 1948 (33
3 U.S.C. 701s) is amended—

4 (1) in the first sentence, by striking "construc-5 tion of small projects" and inserting "implementation 6 of small structural and nonstructural projects"; and 7 (2)in the third sentence. bystrikina 8 "\$5,000,000" and inserting "\$7,000,000".

9 SEC. 204. USE OF NON-FEDERAL FUNDS FOR COMPILING
10 AND DISSEMINATING INFORMATION ON
11 FLOODS AND FLOOD DAMAGES.

12 Section 206(b) of the Flood Control Act of 1960 (33 13 U.S.C. 709a(b)) is amended in the third sentence by insert-14 ing before the period at the end the following: ", but the 15 Secretary of the Army may accept funds voluntarily con-16 tributed by such entities for the purpose of expanding the 17 scope of the services requested by the entities".

18 SEC. 205. AQUATIC ECOSYSTEM RESTORATION.

19 Section 206(c) of the Water Resources Development Act
20 of 1996 (33 U.S.C. 2330(c)) is amended—

21 (1) by striking "Construction" and inserting the22 following:

23 "(1) IN GENERAL.—Construction"; and

24 (2) by adding at the end the following:

25 "(2) NONPROFIT ENTITIES.—Notwithstanding
26 section 221 of the Flood Control Act of 1970 (42)

U.S.C. 1962d-5b), for any project carried out under
 this section, a non-Federal interest may include a
 nonprofit entity, with the consent of the affected local
 government.".

5 SEC. 206. BENEFICIAL USES OF DREDGED MATERIAL.

6 Section 204 of the Water Resources Development Act
7 of 1992 (33 U.S.C. 2326) is amended by adding at the end
8 the following:

9 "(g) NONPROFIT ENTITIES.—Notwithstanding section 10 221 of the Flood Control Act of 1970 (42 U.S.C. 1962d– 11 5b), for any project carried out under this section, a non-12 Federal interest may include a nonprofit entity, with the 13 consent of the affected local government.".

14 SEC. 207. VOLUNTARY CONTRIBUTIONS BY STATES AND PO-

15 LITICAL SUBDIVISIONS.

16 Section 5 of the Act of June 22, 1936 (33 U.S.C. 701h),

17 is amended by inserting "or environmental restoration"18 after "flood control".

19 SEC. 208. RECREATION USER FEES.

20 (a) WITHHOLDING OF AMOUNTS.—

(1) IN GENERAL.—During fiscal years 1999
through 2002, the Secretary may withhold from the
special account established under section 4(i)(1)(A) of
the Land and Water Conservation Fund Act of 1965
(16 U.S.C. 460l-6a(i)(1)(A)) 100 percent of the

1	amount of receipts above a baseline of \$34,000,000
2	per each fiscal year received from fees imposed at
3	recreation sites under the administrative jurisdiction
4	of the Department of the Army under section 4(b) of
5	that Act (16 U.S.C. 460l-6a(b)).
6	(2) USE.—The amounts withheld shall be re-
7	tained by the Secretary and shall be available, with-
8	out further Act of appropriation, for expenditure by
9	the Secretary in accordance with subsection (b).
10	(3) AVAILABILITY.—The amounts withheld shall
11	remain available until September 30, 2005.
12	(b) Use of Amounts Withheld.—In order to in-
13	crease the quality of the visitor experience at public rec-
14	reational areas and to enhance the protection of resources,
15	the amounts withheld under subsection (a) may be used
16	only for—
17	(1) repair and maintenance projects (including
18	projects relating to health and safety);
19	(2) interpretation;
20	(3) signage;
21	(4) habitat or facility enhancement;
22	(5) resource preservation;
23	(6) annual operation (including fee collection);
24	(7) maintenance; and
25	(8) law enforcement related to public use.

(c) AVAILABILITY.—Each amount withheld by the Sec retary shall be available for expenditure, without further
 Act of appropriation, at the specific project from which the
 amount, above baseline, is collected.

5 SEC. 209. WATER RESOURCES DEVELOPMENT STUDIES FOR 6 THE PACIFIC REGION.

7 Section 444 of the Water Resources Development Act
8 of 1996 (110 Stat. 3747) is amended by striking "interest
9 of navigation" and inserting "interests of water resources
10 development (including navigation, flood damage reduction,
11 and environmental restoration)".

12 SEC. 210. MISSOURI AND MIDDLE MISSISSIPPI RIVERS EN-13 HANCEMENT PROJECT.

14 (a) DEFINITIONS.—In this section:

(1) MIDDLE MISSISSIPPI RIVER.—The term
"middle Mississippi River" means the reach of the
Mississippi River from the mouth of the Ohio River
(river mile 0, upper Mississippi River) to the mouth
of the Missouri River (river mile 195).

20 (2) MISSOURI RIVER.—The term "Missouri
21 River" means the main stem and floodplain of the
22 Missouri River (including reservoirs) from its con23 fluence with the Mississippi River at St. Louis, Mis24 souri, to its headwaters near Three Forks, Montana.

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(3) PROJECT.—The term "project" means the
project authorized by this section.
(b) Protection and Enhancement Activities.—
(1) PLAN.—
(A) Development.—Not later than 180
days after the date of enactment of this Act, the
Secretary shall develop a plan for a project to
protect and enhance fish and wildlife habitat of
the Missouri River and the middle Mississippi
River.
(B) Activities.—
(i) IN GENERAL.—The plan shall pro-
vide for such activities as are necessary to
protect and enhance fish and wildlife habi-
tat without adversely affecting—
(I) the water-related needs of the
region surrounding the Missouri River
and the middle Mississippi River, in-
cluding flood control, navigation, recre-
ation, and enhancement of water sup-
ply; and
(II) private property rights.
(ii) Required activities.—The plan
shall include—

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1	(I) modification and improvement
2	of navigation training structures to
3	protect and enhance fish and wildlife
4	habitat;
5	(H) modification and creation of
6	side channels to protect and enhance
7	fish and wildlife habitat;
8	(III) restoration and creation of
9	island fish and wildlife habitat;
10	(IV) creation of riverine fish and
11	wildlife habitat;
12	(V) establishment of criteria for
13	prioritizing the type and sequencing of
14	activities based on cost-effectiveness
15	and likelihood of success; and
16	(VI) physical and biological moni-
17	toring for evaluating the success of the
18	project, to be performed by the River
19	Studies Center of the United States Ge-
20	ological Survey in Columbia, Missouri.
21	(2) Implementation of activities.—
22	(A) IN GENERAL.—Using funds made avail-
23	able to carry out this section, the Secretary shall
24	carry out the activities described in the plan.

1	(B) Use of existing authority for
2	UNCONSTRUCTED FEATURES OF THE PROJECT.—
3	Using funds made available to the Secretary
4	under other law, the Secretary shall design and
5	construct any feature of the project that may be
6	carried out using the authority of the Secretary
7	to modify an authorized project, if the Secretary
8	determines that the design and construction
9	will—
10	(i) accelerate the completion of activi-
11	ties to protect and enhance fish and wildlife
12	habitat of the Missouri River or the middle
13	Mississippi River; and
14	(ii) be compatible with the project pur-
15	poses described in this section.
16	(c) Integration of Other Activities.—
17	(1) IN GENERAL.—In carrying out the activities
18	described in subsection (b), the Secretary shall inte-
19	grate the activities with other Federal, State, and
20	tribal activities.
21	(2) New Authority.—Nothing in this section
22	confers any new regulatory authority on any Federal
23	or non-Federal entity that carries out any activity

1	(d) PUBLIC PARTICIPATION.—In developing and car-
2	rying out the plan and the activities described in subsection
3	(b), the Secretary shall provide for public review and com-
4	ment in accordance with applicable Federal law,
5	including—
6	(1) providing advance notice of meetings;
7	(2) providing adequate opportunity for public
8	input and comment;
9	(3) maintaining appropriate records; and
10	(4) compiling a record of the proceedings of
11	meetings.
12	(e) Compliance With Applicable Law.—In car-
13	rying out the activities described in subsections (b) and (c),
14	the Secretary shall comply with any applicable Federal
15	law, including the National Environmental Policy Act of
16	1969 (42 U.S.C. 4321 et seq.).
17	(f) Cost Sharing.—
18	(1) Non-Federal share.—The non-Federal
19	share of the cost of the project shall be 35 percent.
20	(2) FEDERAL SHARE.—The Federal share of the
21	cost of any 1 activity described in subsection (b) shall
22	not exceed \$5,000,000.
23	(3) Operation and maintenance.—The oper-
24	ation and maintenance of the project shall be a non-
25	Federal responsibility.

1 (g) AUTHORIZATION OF APPROPRIATIONS.—There is 2 authorized to be appropriated to pay the Federal share of 3 the cost of carrying out activities under this section 4 \$30,000,000 for the period of fiscal years 2000 and 2001.

5 SEC. 211. OUTER CONTINENTAL SHELF.

6 (a) SAND, GRAVEL, AND SHELL.—Section 8(k)(2)(B)
7 of the Outer Continental Shelf Lands Act (43 U.S.C.
8 1337(k)(2)(B)) is amended in the second sentence by insert9 ing before the period at the end the following: "or any other
10 non-Federal interest subject to an agreement entered into
11 under section 221 of the Flood Control Act of 1970 (42
12 U.S.C. 1962d-5b)".

(b) REIMBURSEMENT FOR LOCAL INTERESTS.—Any
amounts paid by non-Federal interests for beach erosion
control, hurricane protection, shore protection, or storm
damage reduction projects as a result of an assessment
under section 8(k) of the Outer Continental Shelf Lands Act
(43 U.S.C. 1337(k)) shall be fully reimbursed.

19 SEC. 212. ENVIRONMENTAL DREDGING.

20 Section 312(f) of the Water Resources Development Act
21 of 1990 (33 U.S.C. 1272(f)) is amended by adding at the
22 end the following:

23 "(6) Snake Creek, Bixby, Oklahoma.

24 "(7) Willamette River, Oregon.".

1	SEC. 213. BENEFIT OF PRIMARY FLOOD DAMAGES AVOIDED
2	INCLUDED IN BENEFIT-COST ANALYSIS.
3	Section 308 of the Water Resources Development Act
4	of 1990 (33 U.S.C. 2318) is amended—
5	(1) in the heading of subsection (a), by striking
6	"BENEFIT-COST ANALYSIS" and inserting "ELE-
7	ments Excluded From Cost-Benefit Analysis";
8	(2) by redesignating subsections (b) through (e)
9	as subsections (c) through (f), respectively;
10	(3) by inserting after subsection (a) the fol-
11	lowing:
12	"(b) Elements Included in Cost-Benefit Anal-
13	YSIS.—The Secretary shall include primary flood damages
14	avoided in the benefit base for justifying Federal non-
15	structural flood damage reduction projects."; and
16	(4) in the first sentence of subsection (e) (as re-
17	designated by paragraph (2)), by striking "(b)" and
18	inserting "(d)".
19	SEC. 214. CONTROL OF AQUATIC PLANT GROWTH.
20	Section 104(a) of the River and Harbor Act of 1958
21	(33 U.S.C. 610(a)) is amended—
22	(1) by inserting "Arundo dona," after "water-
23	hyacinth,"; and
24	(2) by inserting "tarmarix" after "melaleuca".

1 SEC. 215. ENVIRONMENTAL INFRASTRUCTURE.

2 Section 219(c) of the Water Resources Development Act
3 of 1992 (106 Stat. 4835) is amended by adding at the end
4 the following:

5 "(19) LAKE TAHOE, CALIFORNIA AND NEVADA.—
6 Regional water system for Lake Tahoe, California
7 and Nevada.

8 "(20) LANCASTER, CALIFORNIA.—Fox Field In9 dustrial Corridor water facilities, Lancaster, Cali10 fornia.

11 "(21) SAN RAMON, CALIFORNIA.—San Ramon
12 Valley recycled water project, San Ramon, Cali13 fornia.".

14SEC. 216. WATERSHED MANAGEMENT, RESTORATION, AND15DEVELOPMENT.

16 Section 503 of the Water Resources Development Act
17 of 1996 (110 Stat. 3756) is amended—

18 (1) in subsection (d)—

19 (A) by striking paragraph (10) and insert20 ing the following:

21 "(10) Regional Atlanta Watershed, Atlanta,
22 Georgia, and Lake Lanier of Forsyth and Hall Coun-

23 ties, Georgia."; and

24 (B) by adding at the end the following:

- 25 "(14) Clear Lake watershed, California.
- 26 "(15) Fresno Slough watershed, California.

1	"(16) Hayward Marsh, Southern San Francisco
2	Bay watershed, California.
3	"(17) Kaweah River watershed, California.
4	"(18) Lake Tahoe watershed, California and Ne-
5	vada.
6	"(19) Malibu Creek watershed, California.
7	"(20) Truckee River basin, Nevada.
8	"(21) Walker River basin, Nevada.
9	"(22) Bronx River watershed, New York.
10	"(23) Catawba River watershed, North Caro-
11	lina.";
12	(2) by redesignating subsection (e) as subsection
13	(f); and
14	(3) by inserting after subsection (d) the fol-
15	lowing:
16	"(e) NONPROFIT ENTITIES.—Notwithstanding section
17	221(b) of the Flood Control Act of 1970 (42 U.S.C. 1962d-
18	5b(b)), for any project undertaken under this section, with
19	the consent of the affected local government, a non-Federal
20	interest may include a nonprofit entity.".
21	SEC. 217. LAKES PROGRAM.
22	Section 602(a) of the Water Resources Development
23	Act of 1986 (100 Stat. 4148) is amended—
24	(1) in paragraph (15), by striking "and" at the
25	end;

1	(2) in paragraph (16), by striking the period at
2	the end; and
3	(3) by adding at the end the following:
4	"(17) Clear Lake, Lake County, California, re-
5	moval of silt and aquatic growth and development of
6	a sustainable weed and algae management program;
7	"(18) Flints Pond, Hollis, New Hampshire, re-
8	moval of excessive aquatic vegetation; and
9	"(19) Osgood Pond, Milford, New Hampshire, re-
10	moval of excessive aquatic vegetation.".
11	SEC. 218. SEDIMENTS DECONTAMINATION POLICY.
12	Section 405 of the Water Resources Development Act
13	of 1992 (33 U.S.C. 2239 note; Public Law 102–580) is
14	amended—
15	(1) in subsection (a), by adding at the end the
16	following:
17	"(4) PRACTICAL END-USE PRODUCTS.—Tech-
18	nologies selected for demonstration at the pilot scale
19	shall result in practical end-use products.
20	"(5) Assistance by the secretary.—The Sec-
21	retary shall assist the project to ensure expeditious
22	completion by providing sufficient quantities of con-
23	taminated dredged material to conduct the full-scale
24	demonstrations to stated capacity."; and

(2) in subsection (c), by striking the first sen tence and inserting the following: "There is author ized to be appropriated to carry out this section a
 total of \$22,000,000 to complete technology testing,
 technology commercialization, and the development of
 full scale processing facilities within the New York/
 New Jersey Harbor.".

8 SEC. 219. DISPOSAL OF DREDGED MATERIAL ON BEACHES.

9 (a) IN GENERAL.—Section 145 of the Water Resources
10 Development Act of 1976 (33 U.S.C. 426j) is amended in
11 the first sentence by striking "50" and inserting "35".

(b) GREAT LAKES BASIN.—The Secretary shall work
with the State of Ohio, other Great Lakes States, and political subdivisions of the States to fully implement and maximize beneficial reuse of dredged material as provided under
section 145 of the Water Resources Development Act of 1976
(33 U.S.C. 426j).

18 SEC. 220. FISH AND WILDLIFE MITIGATION.

19 Section 906(e) of the Water Resources Development Act 20 of 1986 (33 U.S.C. 2283(e)) is amended by inserting after 21 the second sentence the following: "Not more than 80 percent 22 of the non-Federal share of such first costs may be in kind, 23 including a facility, supply, or service that is necessary to 24 carry out the enhancement project.".

1 SEC. 221. REIMBURSEMENT OF NON-FEDERAL INTEREST.

2 Section 211(e)(2)(A) of the Water Resources Develop3 ment Act of 1996 (33 U.S.C. 701b-13(e)(2)(A)) is amended
4 by striking "subject to amounts being made available in
5 advance in appropriations Acts" and inserting "subject to
6 the availability of appropriations".

7 SEC. 222. NATIONAL CONTAMINATED SEDIMENT TASK 8 FORCE.

9 (a) DEFINITION OF TASK FORCE.—In this section, the 10 term "Task Force" means the National Contaminated Sedi-11 ment Task Force established by section 502 of the National 12 Contaminated Sediment Assessment and Management Act 13 (33 U.S.C. 1271 note; Public Law 102–580).

(b) CONVENING.—The Secretary and the Administrator shall convene the Task Force not later than 90 days
after the date of enactment of this Act.

17 (c) REPORTING ON REMEDIAL ACTION.—

18 (1) IN GENERAL.—Not later than 1 year after
19 the date of enactment of this Act, the Task Force shall
20 submit to Congress a report on the status of remedial
21 actions at aquatic sites in the areas described in
22 paragraph (2).

23 (2) AREAS.—The report under paragraph (1)
24 shall address remedial actions in—

25 (A) areas of probable concern identified in
26 the survey of data regarding aquatic sediment

1	quality required by section 503(a) of the Na-
2	tional Contaminated Sediment Assessment and
3	Management Act (33 U.S.C. 1271);
4	(B) areas of concern within the Great
5	Lakes, as identified under section 118(f) of the
6	Federal Water Pollution Control Act (33 U.S.C.
7	1268(f));
8	(C) estuaries of national significance identi-
9	fied under section 320 of the Federal Water Pol-
10	lution Control Act (33 U.S.C. 1330);
11	(D) areas for which remedial action has
12	been authorized under any of the Water Re-
13	sources Development Acts; and
14	(E) as appropriate, any other areas where
15	sediment contamination is identified by the Task
16	Force.
17	(3) ACTIVITIES.—Remedial actions subject to re-
18	porting under this subsection include remedial actions
19	under—
20	(A) the Comprehensive Environmental Re-
21	sponse, Compensation, and Liability Act of 1980
22	(42 U.S.C. 9601 et seq.) or other Federal or
23	State law containing environmental remediation
24	authority;

5 (D) section 10 of the Act of March 3, 1899
6 (30 Stat. 1151, chapter 425).

7 (4) CONTENTS.—The report under paragraph (1)
8 shall provide, with respect to each remedial action de9 scribed in the report, a description of—

10 (A) the authorities and sources of funding
11 for conducting the remedial action;

12 (B) the nature and sources of the sediment
13 contamination, including volume and concentra14 tion, where appropriate;

15 (C) the testing conducted to determine the
16 nature and extent of sediment contamination
17 and to determine whether the remedial action is
18 necessary;

19(D) the action levels or other factors used to20determine that the remedial action is necessary;21(E) the nature of the remedial action22planned or undertaken, including the levels of23protection of public health and the environment24to be achieved by the remedial action;

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1	(F) the ultimate disposition of any material
2	dredged as part of the remedial action;
3	(G) the status of projects and the obstacles
4	or barriers to prompt conduct of the remedial ac-
5	tion; and
6	(H) contacts and sources of further informa-
7	tion concerning the remedial action.
8	SEC. 223. GREAT LAKES BASIN PROGRAM.
9	(a) Strategic Plans.—
10	(1) IN GENERAL.—Not later than 18 months
11	after the date of enactment of this Act, and every 2
12	years thereafter, the Secretary shall report to Congress
13	on a plan for programs of the Corps of Engineers in
14	the Great Lakes basin.
15	(2) CONTENTS.—The plan shall include details of
16	the projected environmental and navigational projects
17	in the Great Lakes basin, including—
18	(A) navigational maintenance and oper-
19	ations for commercial and recreational vessels;
20	(B) environmental restoration activities;
21	(C) water level maintenance activities;
22	(D) technical and planning assistance to
23	States and remedial action planning committees;

1		(E) sediment transport analysis, sediment
2		management planning, and activities to support
3		prevention of excess sediment loadings;
4		(F) flood damage reduction and shoreline
5		erosion prevention;
6		(G) all other activities of the Corps of Engi-
7		neers; and
8		(H) an analysis of factors limiting use of
9		programs and authorities of the Corps of Engi-
10		neers in existence on the date of enactment of
11		this Act in the Great Lakes basin, including the
12		need for new or modified authorities.
13	(b)	GREAT LAKES BIOHYDROLOGICAL INFORMA-
14	TION.—	
15		(1) INVENTORY.—
15 16		(1) INVENTORY.—(A) IN GENERAL.—Not later than 90 days
16		(A) IN GENERAL.—Not later than 90 days
16 17		(A) IN GENERAL.—Not later than 90 days after the date of enactment of this Act, the Sec-
16 17 18		(A) IN GENERAL.—Not later than 90 days after the date of enactment of this Act, the Sec- retary shall request each Federal agency that
16 17 18 19		(A) IN GENERAL.—Not later than 90 days after the date of enactment of this Act, the Sec- retary shall request each Federal agency that may possess information relevant to the Great
16 17 18 19 20		(A) IN GENERAL.—Not later than 90 days after the date of enactment of this Act, the Sec- retary shall request each Federal agency that may possess information relevant to the Great Lakes biohydrological system to provide an in-
 16 17 18 19 20 21 		(A) IN GENERAL.—Not later than 90 days after the date of enactment of this Act, the Sec- retary shall request each Federal agency that may possess information relevant to the Great Lakes biohydrological system to provide an in- ventory of all such information in the possession
 16 17 18 19 20 21 22 		(A) IN GENERAL.—Not later than 90 days after the date of enactment of this Act, the Sec- retary shall request each Federal agency that may possess information relevant to the Great Lakes biohydrological system to provide an in- ventory of all such information in the possession of the agency.

1	(i) ground and surface water hydrol-
2	ogy;
3	(ii) natural and altered tributary dy-
4	namics;
5	(iii) biological aspects of the system in-
6	fluenced by and influencing water quantity
7	and water movement;
8	(iv) meteorological projections and
9	weather impacts on Great Lakes water lev-
10	els; and
11	(v) other Great Lakes biohydrological
12	system data relevant to sustainable water
13	use management.
14	(2) Report.—
15	(A) IN GENERAL.—Not later than 18
16	months after the date of enactment of this Act,
17	the Secretary, in consultation with the States,
18	Indian tribes, and Federal agencies, and after
19	requesting information from the provinces and
20	the federal government of Canada, shall—
21	(i) compile the inventories of informa-
22	tion;
23	(ii) analyze the information for con-
24	sistency and gaps; and

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	21T
1	(iii) submit to Congress, the Inter-
2	national Joint Commission, and the Great
3	Lakes States a report that includes rec-
4	ommendations on ways to improve the in-
5	formation base on the biohydrological dy-
6	namics of the Great Lakes ecosystem as a
7	whole, so as to support environmentally
8	sound decisions regarding diversions and
9	consumptive uses of Great Lakes water.
10	(B) RECOMMENDATIONS.—The rec-
11	ommendations in the report under subparagraph
12	(A) shall include recommendations relating to
13	the resources and funds necessary for imple-
14	menting improvement of the information base.
15	(C) CONSIDERATIONS.—In developing the
16	report under subparagraph (A), the Secretary, in
17	cooperation with the Secretary of State, the Sec-
18	retary of Transportation, and other relevant
19	agencies as appropriate, shall consider and re-
20	port on the status of the issues described and rec-
21	ommendations made in—
22	(i) the Report of the International
23	Joint Commission to the Governments of the
24	United States and Canada under the 1977
25	reference issued in 1985; and

1	(ii) the 1993 Report of the Inter-
2	national Joint Commission to the Govern-
3	ments of Canada and the United States on
4	Methods of Alleviating Adverse Consequences
5	of Fluctuating Water Levels in the Great
6	Lakes St. Lawrence Basin.
7	(c) GREAT LAKES RECREATIONAL BOATING.—Not
8	later than 18 months after the date of enactment of this
9	Act, the Secretary shall, using information and studies in
10	existence on the date of enactment of this Act to the max-
11	imum extent practicable, and in cooperation with the Great
12	Lakes States, submit to Congress a report detailing the eco-
13	nomic benefits of recreational boating in the Great Lakes
14	basin, particularly at harbors benefiting from operation
15	and maintenance projects of the Corps of Engineers.
16	(d) COOPERATION.—In undertaking activities under
17	this section, the Secretary shall—
18	(1) encourage public participation; and
19	(2) cooperate, and, as appropriate, collaborate,
20	with Great Lakes States, tribal governments, and Ca-
21	nadian federal, provincial, tribal governments.
22	(e) WATER USE ACTIVITIES AND POLICIES.—The Sec-
23	retary may provide technical assistance to the Great Lakes
24	States to develop interstate guidelines to improve the con-

1 sistency and efficiency of State-level water use activities

2 and policies in the Great Lakes basin. 3 (f) COST SHARING.—The Secretary may seek and ac-4 cept funds from non-Federal entities to be used to pay up to 25 percent of the cost of carrying out subsections (b), 5 6 (c), (d), and (e).7 SEC. 224. PROJECTS FOR IMPROVEMENT OF THE ENVIRON-8 MENT. 9 Section 1135(c) of the Water Resources Development Act of 1986 (33 U.S.C. 2309a(c)) is amended— 10 (1) by striking "The Secretary" and inserting 11 the following: 12 13 "(1) IN GENERAL.—The Secretary"; and

14 (2) by adding at the end the following:

15 "(2) CONTROL OF SEA LAMPREY.—Congress finds
16 that—

17	"(A) the Great Lakes navigation system has
18	been instrumental in the spread of sea lamprey
19	and the associated impacts to its fishery; and
20	((B) the use of the authority under this sub-
21	section for control of sea lamprey at any Great
22	Lakes basin location is appropriate.".

1	SEC.	225.	WATER	QUALIT	Y, EN	VIRON	MENTAL	QUALITY,
2			RECR	EATION,	FISH	AND	WILDLIF	E, FLOOD
3			CONT	ROL, ANI	D NAVI	GATIC	DN.	

4 (a) IN GENERAL.—The Secretary may investigate,
5 study, evaluate, and report on—

6 (1) water quality, environmental quality, recre-7 ation, fish and wildlife, flood control, and navigation 8 in the western Lake Erie watershed, including the 9 watersheds of the Maumee River, Ottawa River, and 10 Portage River in the States of Indiana, Ohio, and 11 Michigan; and

(2) measures to improve water quality, environmental quality, recreation, fish and wildlife, flood
control, and navigation in the western Lake Erie
basin.

16 (b) COOPERATION.—In carrying out studies and inves-17 tigations under subsection (a), the Secretary shall cooperate 18 with Federal, State, and local agencies and nongovern-19 mental organizations to ensure full consideration of all 20 views and requirements of all interrelated programs that 21 those agencies may develop independently or in coordina-22 tion with the Corps of Engineers.

23 SEC. 226. IRRIGATION DIVERSION PROTECTION AND FISH-

24

ERIES ENHANCEMENT ASSISTANCE.

25 The Secretary may provide technical planning and de26 sign assistance to non-Federal interests and may conduct

other site-specific studies to formulate and evaluate fish 1 screens, fish passages devices, and other measures to de-2 3 crease the incidence of juvenile and adult fish inadvertently 4 entering into irrigation systems. Measures shall be devel-5 oped in cooperation with Federal and State resource agencies and not impair the continued withdrawal of water for 6 7 irrigation purposes. In providing such assistance priority 8 shall be given based on the objectives of the Endangered Spe-9 cies Act, cost-effectiveness, and the potential for reducing 10 fish mortality. Non-Federal interests shall agree by contract to contribute 50 percent of the cost of such assistance. Not 11 more than one-half of such non-Federal contribution may 12 13 be made by the provision of services, materials, supplies, or other in-kind services. No construction activities are au-14 15 thorized by this section. Not later than 2 years after the date of enactment of this section, the Secretary shall report 16 to Congress on fish mortality caused by irrigation water 17 18 intake devices, appropriate measures to reduce mortality, 19 the extent to which such measures are currently being employed in the arid States, the construction costs associated 20 21 with such measures, and the appropriate Federal role, if 22 any, to encourage the use of such measures.

1	SEC. 227. SMALL STORM DAMAGE REDUCTION PROJECTS.
2	Section 3 of the Act of August 13, 1946 (33 U.S.C.
3	426g), is amended by striking "\$2,000,000" and inserting
4	``\$3,000,000''.
5	SEC. 228. SHORE DAMAGE PREVENTION OR MITIGATION.
6	Section 111 of the River and Harbor Act of 1968 (33
7	U.S.C. 426(i)) is amended—
8	(1) in the first sentence, by striking "The Sec-
9	retary" and inserting "(a) IN GENERAL.—The Sec-
10	retary";
11	(2) in the second sentence, by striking "The
12	costs" and inserting the following:
13	"(b) COST SHARING.—The costs";
14	(3) in the third sentence—
15	(A) by striking "No such" and inserting the
16	following:
17	"(c) Requirement for Specific Authorization.—
18	No such"; and
19	(B) by striking "\$2,000,000" and inserting
20	"\$5,000,000"; and
21	(4) by adding at the end the following:
22	"(d) COORDINATION.—The Secretary shall—
23	"(1) coordinate the implementation of the meas-
24	ures under this section with other Federal and non-
25	Federal shore protection projects in the same geo-
26	graphic area; and
	-9 507 D9

1	"(2) to the extent practicable, combine mitiga-
2	tion projects with other shore protection projects in
3	the same area into a comprehensive regional project.".
4	SEC. 229. ATLANTIC COAST OF NEW YORK.
5	Section 404(c) of the Water Resources Development Act
6	of 1992 (106 Stat. 4863) is amended by striking
7	"\$1,400,000 for each of fiscal years 1993, 1994, 1995, 1996,
8	and 1997" and inserting "\$2,500,000".
9	SEC. 230. ACCELERATED ADOPTION OF INNOVATIVE TECH-
10	NOLOGIES FOR CONTAMINATED SEDIMENTS.
11	Section 8 of the Water Resources Development Act of
12	1988 (33 U.S.C. 2314) is amended—
13	(1) by redesignating subsections (b) and (c) as
14	subsections (c) and (d), respectively; and
15	(2) by inserting after subsection (a) the fol-
15 16	(2) by inserting after subsection (a) the fol- lowing:
16	lowing:
16 17	lowing: "(b) Accelerated Adoption of Innovative Tech-
16 17 18	lowing: "(b) Accelerated Adoption of Innovative Tech- nologies for Management of Contaminated Sedi-
16 17 18 19	lowing: "(b) Accelerated Adoption of Innovative Tech- Nologies for Management of Contaminated Sedi- Ments.—
16 17 18 19 20	lowing: "(b) Accelerated Adoption of Innovative Tech- Nologies for Management of Contaminated Sedi- Ments.— "(1) Test projects.—The Secretary shall ap-
 16 17 18 19 20 21 	lowing: "(b) Accelerated Adoption of Innovative Tech- Nologies for Management of Contaminated Sedi- MENTS.— "(1) Test projects.—The Secretary shall ap- prove an appropriate number of projects to test,

1	"(2) Demonstration projects.—The Sec-
2	retary may approve an appropriate number of
3	projects to demonstrate innovative technologies that
4	have been pilot tested under paragraph (1).
5	"(3) Conduct of projects.—Each pilot project
6	under paragraph (1) and demonstration project
7	under paragraph (2) shall be conducted by a univer-
8	sity with proven expertise in the research and devel-
9	opment of contaminated sediment treatment tech-
10	nologies and innovative applications using waste ma-
11	terials.".
12	TITLE III—PROJECT-RELATED
13	PROVISIONS
13 14	PROVISIONS SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF
14	SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF
14 15	SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF RHODE ISLAND.
14 15 16 17	SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF RHODE ISLAND. The Secretary may acquire for the State of Rhode Is-
14 15 16 17	SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF RHODE ISLAND. The Secretary may acquire for the State of Rhode Is- land a dredge and associated equipment with the capacity
14 15 16 17 18	SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF RHODE ISLAND. The Secretary may acquire for the State of Rhode Is- land a dredge and associated equipment with the capacity to dredge approximately 100 cubic yards per hour for use
14 15 16 17 18 19	SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF RHODE ISLAND. The Secretary may acquire for the State of Rhode Is- land a dredge and associated equipment with the capacity to dredge approximately 100 cubic yards per hour for use by the State in dredging salt ponds in the State.
 14 15 16 17 18 19 20 	 SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF RHODE ISLAND. The Secretary may acquire for the State of Rhode Is- land a dredge and associated equipment with the capacity to dredge approximately 100 cubic yards per hour for use by the State in dredging salt ponds in the State. SEC. 302. UPPER SUSQUEHANNA RIVER BASIN, PENNSYL-
 14 15 16 17 18 19 20 21 22 	 SEC. 301. DREDGING OF SALT PONDS IN THE STATE OF RHODE ISLAND. The Secretary may acquire for the State of Rhode Is- land a dredge and associated equipment with the capacity to dredge approximately 100 cubic yards per hour for use by the State in dredging salt ponds in the State. SEC. 302. UPPER SUSQUEHANNA RIVER BASIN, PENNSYL- VANIA AND NEW YORK.

24 end the following:

1	"(3) The Chemung River watershed, New York,
2	at an estimated Federal cost of \$5,000,000.".
3	SEC. 303. SMALL FLOOD CONTROL PROJECTS.
4	Section 102 of the Water Resources Development Act
5	of 1996 (110 Stat. 3668) is amended—
6	(1) by redesignating paragraphs (15) through
7	(22) as paragraphs (16) through (23), respectively;
8	(2) by inserting after paragraph (14) the fol-
9	lowing:
10	"(15) Repaupo creek and delaware river,
11	GLOUCESTER COUNTY, NEW JERSEY.—Project for
12	tidegate and levee improvements for Repaupo Creek
13	and the Delaware River, Gloucester County, New Jer-
14	sey."; and
15	(3) by adding at the end the following:
16	"(24) Irondequoit creek, New York.—Project
17	for flood control, Irondequoit Creek watershed, New
18	York.
19	"(25) TIOGA COUNTY, PENNSYLVANIA.—Project
20	for flood control, Tioga River and Cowanesque River
21	and their tributaries, Tioga County, Pennsylvania.".
22	SEC. 304. SMALL NAVIGATION PROJECTS.
23	Section 104 of the Water Resources Development Act
24	of 1996 (110 Stat. 3669) is amended—

1	(1) by redesignating paragraphs (9) through (12)
2	as paragraphs (11) through (14), respectively; and
3	(2) by inserting after paragraph (8) the fol-
4	lowing:
5	"(9) Fortescue inlet, delaware bay, new
6	JERSEY.—Project for navigation for Fortescue Inlet,
7	Delaware Bay, New Jersey.
8	"(10) BRADDOCK BAY, GREECE, NEW YORK.—
9	Project for navigation, Braddock Bay, Greece, New
10	York.".
11	SEC. 305. STREAMBANK PROTECTION PROJECTS.
12	(a) Arctic Ocean, Barrow, Alaska.—The Secretary
13	shall evaluate and, if justified under section 14 of the Flood
14	Control Act of 1946 (33 U.S.C. 701r), carry out storm dam-
15	age reduction and coastal erosion measures at the town of
16	Barrow, Alaska.
17	(b) SAGINAW RIVER, BAY CITY, MICHIGAN.—The Sec-
18	retary may construct appropriate control structures in
19	areas along the Saginaw River in the city of Bay City,
20	Michigan, under authority of section 14 of the Flood Con-
21	trol Act of 1946 (33 Stat. 701r).
22	(c) Yellowstone River, Billings, Montana.—The
23	streambank protection project at Coulson Park, along the
24	Yellowstone River, Billings, Montana, shall be eligible for

assistance under section 14 of the Flood Control Act of 1946
 (33 U.S.C. 701r).

3 (d) MONONGAHELA RIVER, POINT MARION, PENNSYL4 VANIA.—The Secretary shall evaluate and, if justified under
5 section 14 of the Flood Control Act of 1946 (33 U.S.C.
6 701r), carry out streambank erosion control measures along
7 the Monongahela River at the borough of Point Marion,
8 Pennsylvania.

9 SEC. 306. AQUATIC ECOSYSTEM RESTORATION, SPRING-10 FIELD, OREGON.

11 Under section 206 of the Water Resources Development 12 Act of 1996 (33 U.S.C. 2330), the Secretary shall conduct measures to address water quality, water flows, and fish 13 habitat restoration in the historic Springfield, Oregon, mill-14 15 race through the reconfiguration of the existing millpond, if the Secretary determines that harmful impacts have oc-16 curred as the result of a previously constructed flood control 17 project by the Corps of Engineers. 18

19 SEC. 307. GUILFORD AND NEW HAVEN, CONNECTICUT.

The Secretary shall expeditiously complete the activities authorized under section 346 of the Water Resources
Development Act of 1992 (106 Stat. 4858), including activities associated with Sluice Creek in Guilford, Connecticut,
and Lighthouse Point Park in New Haven, Connecticut.

1 SEC. 308. FRANCIS BLAND FLOODWAY DITCH.

2 (a) REDESIGNATION.—The project for flood control,
3 Eight Mile Creek, Paragould, Arkansas, authorized by sec4 tion 401(a) of the Water Resources Development Act of 1986
5 (100 Stat. 4112) and known as "Eight Mile Creek,
6 Paragould, Arkansas", shall be known and designated as
7 the "Francis Bland Floodway Ditch".

8 (b) LEGAL REFERENCES.—Any reference in any law, 9 map, regulation, document, paper, or other record of the 10 United States to the project and creek referred to in sub-11 section (a) shall be deemed to be a reference to the Francis 12 Bland Floodway Ditch.

13 SEC. 309. CALOOSAHATCHEE RIVER BASIN, FLORIDA.

14 Section 528(e)(4) of the Water Resources Development Act of 1996 (110 Stat. 3770) is amended in the first sen-15 16 tence by inserting before the period at the end the following: " 17 including potential land acquisition inthe Caloosahatchee River basin or other areas". 18

19 SEC. 310. CUMBERLAND, MARYLAND, FLOOD PROJECT MITI20 GATION.

(a) IN GENERAL.—The project for flood control and
other purposes, Cumberland, Maryland, authorized by section 5 of the Act of June 22, 1936 (commonly known as
the "Flood Control Act of 1936") (49 Stat. 1574, chapter
688), is modified to authorize the Secretary to undertake,
as a separate part of the project, restoration of the historic

Chesapeake and Ohio Canal substantially in accordance
 with the Chesapeake and Ohio Canal National Historic
 Park, Cumberland, Maryland, Rewatering Design Analysis,
 dated February 1998, at a total cost of \$15,000,000, with
 an estimated Federal cost of \$9,750,000 and an estimated
 non-Federal cost of \$5,250,000.

7 (b) IN-KIND SERVICES.—The non-Federal interest for
8 the restoration project under subsection (a)—

9 (1) may provide all or a portion of the non-Fed-10 eral share of project costs in the form of in-kind serv-11 ices; and

(2) shall receive credit toward the non-Federal
share of project costs for design and construction work
performed by the non-Federal interest before execution
of a project cooperation agreement and for land, easements, and rights-of-way required for the restoration
and acquired by the non-Federal interest before execution of such an agreement.

(c) OPERATION AND MAINTENANCE.—The operation
and maintenance of the restoration project under subsection
(a) shall be the full responsibility of the National Park
Service.

23 SEC. 311. CITY OF MIAMI BEACH, FLORIDA.

24 Section 5(b)(3)(C)(i) of the Act of August 13, 1946 (33
25 U.S.C. 426h), is amended by inserting before the semicolon

the following: ", including the city of Miami Beach, Flor ida".

3 SEC. 312. SARDIS RESERVOIR, OKLAHOMA.

4 (a) IN GENERAL.—The Secretary shall accept from the
5 State of Oklahoma or an agent of the State an amount,
6 as determined under subsection (b), as prepayment of 100
7 percent of the water supply cost obligation of the State
8 under Contract No. DACW56–74–JC–0314 for water sup9 ply storage at Sardis Reservoir, Oklahoma.

10 (b) DETERMINATION OF AMOUNT.—The amount to be 11 paid by the State of Oklahoma under subsection (a) shall 12 be subject to adjustment in accordance with accepted dis-13 count purchase methods for Government properties as deter-14 mined by an independent accounting firm designated by 15 the Director of the Office of Management and Budget.

(c) EFFECT.—Nothing in this section shall otherwise
affect any of the rights or obligations of the parties to the
contract referred to in subsection (a).

19 SEC. 313. UPPER MISSISSIPPI RIVER AND ILLINOIS WATER-

20

WAY SYSTEM NAVIGATION MODERNIZATION.

21 (a) FINDINGS.—Congress finds that—

(1) exports are necessary to ensure job creation
and an improved standard of living for the people of
the United States;

1	(2) the ability of producers of goods in the
2	United States to compete in the international market-
3	place depends on a modern and efficient transpor-
4	tation network;
5	(3) a modern and efficient waterway system is
6	a transportation option necessary to provide United
7	States shippers a safe, reliable, and competitive
8	means to win foreign markets in an increasingly
9	competitive international marketplace;
10	(4) the need to modernize is heightened because
11	the United States is at risk of losing its competitive
12	edge as a result of the priority that foreign competi-
13	tors are placing on modernizing their own waterway
14	systems;
15	(5) growing export demand projected over the
16	coming decades will force greater demands on the wa-
17	terway system of the United States and increase the
18	cost to the economy if the system proves inadequate
19	to satisfy growing export opportunities;
20	(6) the locks and dams on the upper Mississippi
21	River and Illinois River waterway system were built
22	in the 1930s and have some of the highest average
23	delays to commercial tows in the country;
24	(7) inland barges carry freight at the lowest unit
25	cost while offering an alternative to truck and rail

transportation that is environmentally sound, is en ergy efficient, is safe, causes little congestion, produces
 little air or noise pollution, and has minimal social
 impact; and

5 (8) it should be the policy of the Corps of Engi6 neers to pursue aggressively modernization of the wa7 terway system authorized by Congress to promote the
8 relative competitive position of the United States in
9 the international marketplace.

10 (b) PRECONSTRUCTION ENGINEERING AND DESIGN.— 11 In accordance with the Upper Mississippi River-Illinois 12 Waterway System Navigation Study, the Secretary shall proceed immediately to prepare engineering design, plans, 13 and specifications for extension of locks 20, 21, 22, 24, 25 14 15 on the Mississippi River and the LaGrange and Peoria Locks on the Illinois River, to provide lock chambers 110 16 feet in width and 1,200 feet in length, so that construction 17 can proceed immediately upon completion of studies and 18 19 authorization of projects by Congress.

20 SEC. 314. UPPER MISSISSIPPI RIVER MANAGEMENT.

21 Section 1103 of the Water Resources Development Act
22 of 1986 (33 U.S.C. 652) is amended—

23 (1) in subsection (e)—

1	(A) by striking "(e)" and all that follows
2	through the end of paragraph (2) and inserting
3	the following:
4	"(e) Undertakings.—
5	"(1) IN GENERAL.—
6	"(A) AUTHORITY.—The Secretary, in con-
7	sultation with the Secretary of the Interior and
8	the States of Illinois, Iowa, Minnesota, Missouri,
9	and Wisconsin, is authorized to undertake—
10	"(i) a program for the planning, con-
11	struction, and evaluation of measures for
12	fish and wildlife habitat rehabilitation and
13	enhancement; and
14	"(ii) implementation of a program of
15	long-term resource monitoring, computer-
16	ized data inventory and analysis, and ap-
17	plied research.
18	"(B) REQUIREMENTS FOR PROJECTS.—
19	Each project carried out under subparagraph
20	(A)(i) shall—
21	"(i) to the maximum extent prac-
22	ticable, simulate natural river processes;
23	"(ii) include an outreach and edu-
24	cation component; and

- 1 "(iii) on completion of the assessment 2 under subparagraph (D), address identified habitat and natural resource needs. 3 "(C) ADVISORY COMMITTEE.—In carrying 4 out subparagraph (A), the Secretary shall create 5 6 an independent technical advisory committee to 7 review projects, monitoring plans, and habitat 8 and natural resource needs assessments. 9 "(D) HABITAT AND NATURAL RESOURCE 10 NEEDS ASSESSMENT.— 11 "(i) AUTHORITY.—The Secretary is 12 authorized to undertake a systemic, river 13 reach, and pool scale assessment of habitat 14 and natural resource needs to serve as a 15 blueprint to guide habitat rehabilitation 16 and long-term resource monitoring. 17 "(ii) DATA.—The habitat and natural 18 resource needs assessment shall, to the max-19 imum extent practicable, use data in exist-20 ence at the time of the assessment. 21 "(iii) TIMING.—The Secretary shall
- 22 complete a habitat and natural resource
 23 needs assessment not later than 3 years
 24 after the date of enactment of this subpara25 graph.

1	"(2) Reports.—On December 31, 2005, in con-
2	sultation with the Secretary of the Interior and the
3	States of Illinois, Iowa, Minnesota, Missouri, and
4	Wisconsin, the Secretary shall prepare and submit to
5	Congress a report that—
6	"(A) contains an evaluation of the pro-
7	grams described in paragraph (1);
8	``(B) describes the accomplishments of each
9	program;
10	``(C) includes results of a habitat and nat-
11	ural resource needs assessment; and
12	``(D) identifies any needed adjustments in
13	the authorization under paragraph (1) or the au-
14	thorized appropriations under paragraphs (3),
15	(4), and (5).";
16	(B) in paragraph (3)—
17	(i) by striking "paragraph $(1)(A)$ " and
18	inserting "paragraph $(1)(A)(i)$ "; and
19	(ii) by striking "Secretary not to ex-
20	ceed" and all that follows and inserting
21	"Secretary not to exceed \$22,750,000 for
22	each of fiscal years 1999 through 2009.";
23	(C) in paragraph (4)—
24	(i) by striking "paragraph $(1)(B)$ "
25	and inserting "paragraph (1)(A)(ii)"; and

1	(<i>ii</i>) by striking "\$7,680,000" and all
2	that follows and inserting "\$10,420,000 for
3	each of fiscal years 1999 through 2009.";
4	(D) by striking paragraphs (5) and (6) and
5	inserting the following:
6	"(5) AUTHORIZATION OF APPROPRIATIONS.—
7	There is authorized to be appropriated to carry out
8	paragraph $(1)(C)$ not to exceed \$350,000 for each of
9	fiscal years 1999 through 2009.
10	"(6) TRANSFER OF AMOUNTS.—
11	"(A) IN GENERAL.—For each fiscal year be-
12	ginning after September 30, 1992, the Secretary,
13	in consultation with the Secretary of the Interior
14	and the States of Illinois, Iowa, Minnesota, Mis-
15	souri, and Wisconsin, may transfer appropriated
16	amounts between the programs under clauses (i)
17	and (ii) of paragraph $(1)(A)$ and paragraph
18	(1)(C).
19	"(B) Apportionment of costs.—In car-
20	rying out paragraph $(1)(D)$, the Secretary may
21	apportion the costs equally between the programs
22	authorized by paragraph (1)(A)."; and
23	(E) in paragraph (7)—
24	(i) in subparagraph (A)—

1	(I) by inserting "(i)" after "para-
2	graph (1)(A)"; and
3	(II) by inserting before the period
4	at the end the following: "and, in the
5	case of any project requiring non-Fed-
6	eral cost sharing, the non-Federal share
7	of the cost of the project shall be 35
8	percent"; and
9	(ii) in subparagraph (B), by striking
10	"paragraphs $(1)(B)$ and $(1)(C)$ of this sub-
11	section" and inserting "paragraph
12	(1)(A)(ii)";
13	(2) in subsection $(f)(2)$ —
14	(A) in subparagraph (A), by striking "(A)";
15	and
16	(B) by striking subparagraph (B) ; and
17	(3) by adding at the end the following:
18	"(k) St. Louis Area Urban Wildlife Habitat.—
19	The Secretary shall investigate and, if appropriate, carry
20	out restoration of urban wildlife habitat, with a special em-
21	phasis on the establishment of greenways in the St. Louis,
22	Missouri, area and surrounding communities.".

1 SEC. 315. RESEARCH AND DEVELOPMENT PROGRAM FOR 2 COLUMBIA AND SNAKE RIVERS SALMON SUR 3 VIVAL.

4 Section 511 of the Water Resources Development Act
5 of 1996 (16 U.S.C. 3301 note; Public Law 104–303) is
6 amended by striking subsection (a) and all that follows and
7 inserting the following:

8 *"(a)* SALMON SURVIVAL ACTIVITIES.—

9 "(1) IN GENERAL.—In conjunction with the Sec-10 retary of Commerce and Secretary of the Interior, the 11 Secretary shall accelerate ongoing research and devel-12 opment activities, and may carry out or participate 13 in additional research and development activities, for 14 the purpose of developing innovative methods and 15 technologies for improving the survival of salmon, es-16 pecially salmon in the Columbia/Snake River Basin. 17 "(2) ACCELERATED ACTIVITIES.—Accelerated re-18 search and development activities referred to in para-19 graph (1) may include research and development re-20 lated to— 21 "(A) impacts from water resources projects 22 and other impacts on salmon life cycles: 23 "(B) juvenile and adult salmon passage; 24 "(C) light and sound guidance systems;

- 25 "(D) surface-oriented collector systems;
- 26 "(E) transportation mechanisms; and

1	``(F) dissolved gas monitoring and abate-
2	ment.
3	"(3) ADDITIONAL ACTIVITIES.—Additional re-
4	search and development activities referred to in para-
5	graph (1) may include research and development re-
6	lated to—
7	"(A) studies of juvenile salmon survival in
8	spawning and rearing areas;
9	``(B) estuary and near-ocean juvenile and
10	adult salmon survival;
11	"(C) impacts on salmon life cycles from
12	sources other than water resources projects;
13	``(D) cryopreservation of fish gametes and
14	formation of a germ plasm repository for threat-
15	ened and endangered populations of native fish;
16	and
17	((E) other innovative technologies and ac-
18	tions intended to improve fish survival, includ-
19	ing the survival of resident fish.
20	"(4) COORDINATION.—The Secretary shall co-
21	ordinate any activities carried out under this sub-
22	section with appropriate Federal, State, and local
23	agencies, affected Indian tribes, and the Northwest
24	Power Planning Council.

1	"(5) REPORT.—Not later than 3 years after the
2	date of enactment of this section, the Secretary shall
3	submit to Congress a report on the research and devel-
4	opment activities carried out under this subsection,
5	including any recommendations of the Secretary con-
6	cerning the research and development activities.
7	"(6) AUTHORIZATION OF APPROPRIATIONS.—
8	There is authorized to be appropriated \$10,000,000 to
9	carry out research and development activities under
10	paragraph (3).
11	"(b) Advanced Turbine Development.—
12	"(1) IN GENERAL.—In conjunction with the Sec-
13	retary of Energy, the Secretary shall accelerate efforts
14	toward developing and installing in Corps of Engi-
15	neers-operated dams innovative, efficient, and envi-
16	ronmentally safe hydropower turbines, including de-
17	sign of fish-friendly turbines, for use on the Columbia/
18	Snake River hydrosystem.
19	"(2) AUTHORIZATION OF APPROPRIATIONS.—
20	There is authorized to be appropriated \$35,000,000 to
21	carry out this subsection.
22	"(c) MANAGEMENT OF PREDATION ON COLUMBIA/
23	Snake River System Native Fishes.—
24	"(1) NESTING AVIAN PREDATORS.—In conjunc-
25	tion with the Secretary of Commerce and the Sec-

1	notany of the Interior and consistent with a manage
1	retary of the Interior, and consistent with a manage-
2	ment plan to be developed by the United States Fish
3	and Wildlife Service, the Secretary shall carry out
4	methods to reduce nesting populations of avian preda-
5	tors on dredge spoil islands in the Columbia River
6	under the jurisdiction of the Secretary.
7	"(2) Authorization of Appropriations.—
8	There is authorized to be appropriated \$1,000,000 to
9	carry out research and development activities under
10	this subsection.
11	"(d) Implementation.—Nothing in this section af-
12	fects the authority of the Secretary to implement the results
13	of the research and development carried out under this sec-
14	tion or any other law.".
15	SEC. 316. NINE MILE RUN HABITAT RESTORATION, PENN-
16	SYLVANIA.
17	The Secretary may credit against the non-Federal
18	share such costs as are incurred by the non-Federal interests
19	in preparing environmental and other preconstruction doc-
20	umentation for the habitat restoration project, Nine Mile
21	Run, Pennsylvania, if the Secretary determines that the
22	documentation is integral to the project.

23 SEC. 317. LARKSPUR FERRY CHANNEL, CALIFORNIA.

The Secretary shall work with the Secretary of Trans-portation on a proposed solution to carry out the project

4 SEC. 318. COMPREHENSIVE FLOOD IMPACT-RESPONSE
5 MODELING SYSTEM.

6 (a) IN GENERAL.—The Secretary may study and im7 plement a Comprehensive Flood Impact-Response Modeling
8 System for the Coralville Reservoir and the Iowa River wa9 tershed, Iowa.

10 (b) STUDY.—The study shall include—

(1) an evaluation of the combined hydrologic,
geomorphic, environmental, economic, social, and recreational impacts of operating strategies within the
watershed;

15 (2) creation of an integrated, dynamic flood im16 pact model; and

17 (3) the development of a rapid response system
18 to be used during flood and emergency situations.

(c) REPORT TO CONGRESS.—Not later than 5 years
after the date of enactment of this Act, the Secretary shall
transmit a report to Congress on the results of the study
and modeling system and such recommendations as the Secretary determines to be appropriate.

(d) AUTHORIZATION OF APPROPRIATIONS.—There is
 authorized to be appropriated a total of \$2,250,000 to carry
 out this section.

4 SEC. 319. STUDY REGARDING INNOVATIVE FINANCING FOR 5 SMALL AND MEDIUM-SIZED PORTS.

6 (a) STUDY.—The Comptroller General of the United
7 States shall conduct a study and analysis of various alter8 natives for innovative financing of future construction, op9 eration, and maintenance of projects in small and medium10 sized ports.

(b) REPORT.—Not later than 270 days after the date
of enactment of this Act, the Comptroller General shall submit to the Committee on Environment and Public Works
of the Senate and Committee on Transportation and Infrastructure of the House of Representatives and the results
of the study and any related legislative recommendations
for consideration by Congress.

18 SEC. 320. CANDY LAKE PROJECT, OSAGE COUNTY, OKLA-

19

HOMA.

20 (a) DEFINITIONS.—In this section:

(1) FAIR MARKET VALUE.—The term "fair market value" means the amount for which a willing
buyer would purchase and a willing seller would sell
a parcel of land, as determined by a qualified, independent land appraiser.

1	(2) Previous owner of Land.—The term "pre-
2	vious owner of land" means a person (including a
3	corporation) that conveyed, or a descendant of a de-
4	ceased individual who conveyed, land to the Corps of
5	Engineers for use in the Candy Lake project in Osage
6	County, Oklahoma.
7	(3) Secretary.—The term "Secretary" means
8	the Secretary of the Army.
9	(b) Land Conveyances.—
10	(1) IN GENERAL.—The Secretary shall convey, in
11	accordance with this section, all right, title, and in-
12	terest of the United States in and to the land ac-
13	quired by the United States for the Candy Lake
14	project in Osage County, Oklahoma.
15	(2) Previous owners of Land.—
16	(A) IN GENERAL.—The Secretary shall give
17	a previous owner of land first option to purchase
18	the land described in paragraph (1).
19	(B) Application.—
20	(i) In general.—A previous owner of
21	land that desires to purchase the land de-
22	scribed in paragraph (1) that was owned by
23	the previous owner of land, or by the indi-
24	vidual from whom the previous owner of
25	land is descended, shall file an application

1	to purchase the land with the Secretary not
2	later than 180 days after the official date of
3	notice to the previous owner of land under
4	subsection (c).
5	(ii) First to file has first op-
6	TION.—If more than 1 application is filed
7	for a parcel of land described in paragraph
8	(1), first options to purchase the parcel of
9	land shall be allotted in the order in which
10	applications for the parcel of land were
11	filed.
12	(C) Identification of previous owners
13	OF LAND.—As soon as practicable after the date
14	of enactment of this Act, the Secretary shall, to
15	the extent practicable, identify each previous
16	owner of land.
17	(D) CONSIDERATION.—Consideration for
18	land conveyed under this subsection shall be the
19	fair market value of the land.
20	(3) DISPOSAL.—Any land described in para-
21	graph (1) for which an application has not been filed
22	under paragraph (2)(B) within the applicable time
23	period shall be disposed of in accordance with law.
24	(4) Extinguishment of easements.—All flow-
25	age easements acquired by the United States for use

1	in the Candy Lake project in Osage County, Okla-
2	homa, are extinguished.
3	(c) Notice.—
4	(1) IN GENERAL.—The Secretary shall notify—
5	(A) each person identified as a previous
6	owner of land under subsection $(b)(2)(C)$, not
7	later than 90 days after identification, by
8	United States mail; and
9	(B) the general public, not later than 90
10	days after the date of enactment of this Act, by
11	publication in the Federal Register.
12	(2) CONTENTS OF NOTICE.—Notice under this
13	subsection shall include—
14	(A) a copy of this section;
15	(B) information sufficient to separately
16	identify each parcel of land subject to this sec-
17	tion; and
18	(C) specification of the fair market value of
19	each parcel of land subject to this section.
20	(3) Official date of notice.—The official
21	date of notice under this subsection shall be the later
22	of—
23	(A) the date on which actual notice is
24	mailed; or

1	(B) the date of publication of the notice in
2	the Federal Register.

3 SEC. 321. SALCHA RIVER AND PILEDRIVER SLOUGH, FAIR 4 BANKS, ALASKA.

5 The Secretary shall evaluate and, if justified under sec-6 tion 205 of the Flood Control Act of 1948 (33 U.S.C. 701s), 7 carry out flood damage reduction measures along the lower 8 Salcha River and on Piledriver Slough, from its headwaters 9 at the mouth of the Salcha River to the Chena Lakes Flood 10 Control Project, in the vicinity of Fairbanks, Alaska, to 11 protect against surface water flooding.

12 SEC. 322. EYAK RIVER, CORDOVA, ALASKA.

The Secretary shall evaluate and, if justified under section 205 of the Flood Control Act of 1948 (33 U.S.C. 701s),
carry out flood damage reduction measures along the Eyak
River at the town of Cordova, Alaska.

17 SEC. 323. NORTH PADRE ISLAND STORM DAMAGE REDUC-

18 TION AND ENVIRONMENTAL RESTORATION
19 PROJECT.

20 The Secretary shall carry out a project for ecosystem 21 restoration and storm damage reduction at North Padre Is-22 land, Corpus Christi Bay, Texas, at a total estimated cost 23 of \$30,000,000, with an estimated Federal cost of 24 \$19,500,000 and an estimated non-Federal cost of 25 \$10,500,000, if the Secretary finds that the work is tech-

4 SEC. 324. KANOPOLIS LAKE, KANSAS.

5 (a) WATER SUPPLY.—

6 (1) IN GENERAL.—Not later than 1 year after 7 the date of enactment of this Act, the Secretary, in co-8 operation with the State of Kansas or another non-9 Federal interest, shall complete a water supply reallocation study at the project for flood control, 10 11 Kanopolis Lake, Kansas, as a basis on which the Sec-12 retary shall enter into negotiations with the State of 13 Kansas or another non-Federal interest for the terms 14 and conditions of a reallocation of the water supply. 15 (2) OPTIONS.—The negotiations for storage re-16 allocation shall include the following options for eval-

17 *uation by all parties:*

(A) Financial terms of storage reallocation.
(B) Protection of future Federal water releases from Kanopolis Dam, consistent with
State water law, to ensure that the benefits expected from releases are provided.

23 (C) Potential establishment of a water as24 surance district consistent with other such dis25 tricts established by the State of Kansas.

1	(D) Protection of existing project purposes
2	at Kanopolis Dam to include flood control, recre-
3	ation, and fish and wildlife.
4	(b) IN-KIND CREDIT.—
5	(1) IN GENERAL.—The Secretary may negotiate
6	a credit for a portion of the financial repayment to
7	the Federal Government for work performed by the
8	State of Kansas, or another non-Federal interest, on
9	land adjacent or in close proximity to the project, if
10	the work provides a benefit to the project.
11	(2) Work included.—The work for which cred-
12	it may be granted may include watershed protection
13	and enhancement, including wetland construction
14	and ecosystem restoration.
15	SEC. 325. NEW YORK CITY WATERSHED.
16	Section 552(d) of the Water Resources Development

16 Section 352(a) of the water Resources Development 17 Act of 1996 (110 Stat. 3780) is amended by striking "for 18 the project to be carried out with such assistance" and in-19 serting ", or a public entity designated by the State direc-20 tor, to carry out the project with such assistance, subject 21 to the project's meeting the certification requirement of sub-22 section (c)(1)". 1SEC. 326. CITY OF CHARLEVOIX REIMBURSEMENT, MICHI-2GAN.

3 The Secretary shall review and, if consistent with au4 thorized project purposes, reimburse the city of Charlevoix,
5 Michigan, for the Federal share of costs associated with con6 struction of the new revetment connection to the Federal
7 navigation project at Charlevoix Harbor, Michigan.

8 SEC. 327. HAMILTON DAM FLOOD CONTROL PROJECT, 9 MICHIGAN.

10 The Secretary may construct the Hamilton Dam flood
11 control project, Michigan, under authority of section 205
12 of the Flood Control Act of 1948 (33 U.S.C. 701s).

13 SEC. 328. HOLES CREEK FLOOD CONTROL PROJECT, OHIO.

(a) IN GENERAL.—Notwithstanding any other provision of law, the non-Federal share of project costs for the
project for flood control, Holes Creek, Ohio, shall not exceed
the sum of—

(1) the total amount projected as the non-Federal
share as of September 30, 1996, in the Project Cooperation Agreement executed on that date; and

(2) 100 percent of the amount of any increases
in the cost of the locally preferred plan over the cost
estimated in the Project Cooperation Agreement.

(b) REIMBURSEMENT.—The Secretary shall reimburse
the non-Federal interest any amount paid by the non-Federal interest in excess of the non-Federal share.

4 Act of 1996 (110 Stat. 3791) is amended by striking "river"
5 and inserting "sewer".

6 SEC. 330. ANACOSTIA RIVER AQUATIC ECOSYSTEM RES7 TORATION, DISTRICT OF COLUMBIA AND
8 MARYLAND.

9 The Secretary may use the balance of funds appro-10 priated for the improvement of the environment as part of 11 the Anacostia River Flood Control and Navigation Project 12 under section 1135 of the Water Resources Development Act 13 of 1986 (33 U.S.C. 2309a) to construct aquatic ecosystem 14 restoration projects in the Anacostia River watershed under 15 section 206 of the Water Resources Development Act of 1996 16 (33 U.S.C. 2330).

17 SEC. 331. EVERGLADES AND SOUTH FLORIDA ECOSYSTEM 18 RESTORATION.

19 Subparagraphs (B) and (C)(i) of section 528(b)(3) of
20 the Water Resources Development Act of 1996 (110 Stat.
21 3769) are amended by striking "1999" and inserting
22 "2003".