includes within its meaning the revocation and as redesignated, and inserting "section 9(a)"; or both."; in excess of $2,000,000 bears to $2,000,000, $100,000 as the amount of the gross revenues with a professional boxing match the gross proceeds of any provision of section 9(b), 9(c), 15, 16, 17, 6301), as amended by section 5(c) of this Act, SEC. 8. PROFESSIONAL BOXING SAFETY ACT AMENDMENTS. (a) DEFINITIONS.—Section 2 of the Professional Boxing Safety Act of 1996 (15 U.S.C. 6301), as amended by section 5(c) of this Act, is amended by adding at the end thereof the following: "(12) SUSPENSION.—The term 'suspension' includes within its meaning the revocation of a boxing license.".
Strike out all after the enacting clause and insert:

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.
(a) SHORT TITLE.—This Act may be cited as the “Water Resources Development Act of 1999”.
(b) TABLE OF CONTENTS.—
Sec. 1. Short title; table of contents.
Sec. 2. Secretary defined.

TITLE I—WATER RESOURCES PROJECTS
Sec. 101. Project authorizations.
Sec. 102. Small flood control projects.
Sec. 103. Small bank stabilization projects.
Sec. 104. Small navigation projects.
Sec. 105. Small projects for improvement of the environment.
Sec. 106. Small aquatic ecosystem restoration projects.

TITLE II—GENERAL PROVISIONS
Sec. 201. Small flood control authority.
Sec. 202. Use of non-Federal funds for complying and disseminating information on floods and flood damages.
Sec. 203. Contributions by States and political subdivisions.
Sec. 204. Sediment decontamination technology.
Sec. 205. Control of aquatic plants.
Sec. 206. Use of continuing contracts required for construction of certain projects.
Sec. 207. Support of Army civil works program.
Sec. 208. Water resources development studies for the Pacific region.
Sec. 209. Everglades and south Florida ecosystem restoration.
Sec. 211. Harbor cost sharing.
Sec. 212. Aquatic ecosystem restoration.
Sec. 213. Watershed management, restoration, and development.
Sec. 214. Flood mitigation and riverine restoration pilot program.
Sec. 215. Shoreline management program.
Sec. 216. Assistance for remediation, restoration, and reuse.
Sec. 217. Shore damage mitigation.
Sec. 218. Shore protection.
Sec. 219. Flood prevention coordination.
Sec. 220. Annual passes for recreation.
Sec. 221. Cooperative agreements for environmental and recreational measures.
Sec. 222. Nonstructural flood control projects.
Sec. 223. Lakes programs.
Sec. 224. Construction of flood control projects by non-Federal interests.
Sec. 225. Enhancement of fish and wildlife resources.
Sec. 226. Sense of Congress; requirement regarding notice.
Sec. 227. Periodic beach nourishment.
Sec. 228. Environmental dredging.
Sec. 229. Wetlands mitigation.

TITLE III—PROJECT-RELATED PROVISIONS
Sec. 301. Missouri River levee system.
Sec. 302. Ouzinkie Harbor, Alaska.
Sec. 303. Green River, Arkansas.
Sec. 304. Ten- and Fifteen-Mile Bayous, Arkansas.
Sec. 305. Loggy Bayou, Red River below Denison Dam, Arkansas, Louisiana, Oklahoma, and Texas.
Sec. 306. Sacramento River, Glenn-Colusa, California.
Sec. 307. San Joaquin River, California.
Sec. 308. Ten Mile Dam, Kaweah River, California.
Sec. 309. Delaware River mainstem and channel deepening, Delaware, New Jersey, and Pennsylvania.
Sec. 311. Brevard County, Florida.
Sec. 312. Browsard County and Hillsboro Inlet, Florida.
Sec. 313. Fort Pierce, Florida.
Sec. 314. North County, Florida.
Sec. 315. Miami Harbor Channel, Florida.
Sec. 316. Lake Michigan, Illinois.
Sec. 318. Little Calumet River, Indiana.
Sec. 319. Ogden Dunes, Indiana.
Sec. 320. Saint Joseph River, South Bend, Indiana.
Sec. 321. White River, Indiana.
Sec. 322. Lake Pontchartrain, Louisiana.
Sec. 323. Larose to Golden Meadow, Louisiana.
Sec. 324. Louisiana State Penitentiary Levee.
Sec. 325. Twelve-mile Bayou, Caddo Parish, Louisiana.
Sec. 326. West Bank of the Mississippi River (East of Harvey Canal), Louisiana.
Sec. 327. Tolchester Channel, Baltimore Harbor and channels, Chesapeake Bay, Kent County, Maryland.
Sec. 328. Sault Sainte Marie, Chippewa County, Michigan.
Sec. 329. Jackson County, Mississippi.
Sec. 330. Tunica Lake, Mississippi.
Sec. 331. Bois Brule Drainage and Levee District, Missouri.
Sec. 332. Meramec River Basin, Valley Park Levee, Missouri.
Sec. 333. Missouri River mitigation project, Missouri, Kansas, Iowa, and Nebraska.
Sec. 334. Wood River, Grand Island, Nebraska.
Sec. 335. Asbeston Island, New Jersey.
Sec. 336. New York Harbor and adjacent channels, Port Jersey, New Jersey.
Sec. 337. Passaic River, New Jersey.
Sec. 338. Sandy Hook to Barnegat Inlet, New Jersey.
Sec. 340. New York City watershed.
Sec. 341. New York State Canal System.
Sec. 342. Fire Island Inlet to Montauk Point, New York.
Sec. 343. Broken Bow Lake, Red River Basin, Oklahoma.
Sec. 344. Willamette River temperature control, McKenzie Subbasin, Oregon.
Sec. 345. Aglesworth Creek Reservoir, Pennsylvania.
Sec. 346. Currywsville Lake, Pennsylvania.
Sec. 347. Delaware River, Pennsylvania and Delaware.
Sec. 348. Musser Dam, Pennsylvania.
Sec. 351. South Central Pennsylvania.
Sec. 352. Cooper River, Charleston Harbor, South Carolina.
Sec. 353. Boxie County, Wayne, Texas.
Sec. 354. Clear Creek, Texas.
Sec. 355. Cypress Creek, Texas.
Sec. 356. Dallas Floodway extension, Dallas, Texas.
Sec. 357. Upper Jordan River, Utah.
Sec. 358. Elizabeth River, Chesapeake, Virginia.
Sec. 359. Bluestone Lake, Ohio River Basin, West Virginia.
Sec. 360. Greenbrier Basin, West Virginia.
Sec. 361. Moorefield, West Virginia.
Sec. 363. Project reauthorizations.
Sec. 364. Project deauthorizations.
Sec. 365. American and Sacramento Rivers.
Sec. 366. Martin, Kentucky.
Sec. 367. Southern West Virginia pilot program.
Sec. 368. Black Warrior and Tombigbee Rivers, Alabama.
Sec. 369. Tropicana Wash and Flamingo Wash, Nevada.
Sec. 370. Comite River, Louisiana.
Sec. 371. Saint Mary’s River, Michigan.
Sec. 372. City of Charlottesville, reimbursement, Michigan.

TITLE IV—STUDIES
Sec. 401. Upper Mississippi and Illinois Rivers levee and streambank protection.
Sec. 402. Upper Mississippi River comprehensive plan.
Sec. 403. El Dorado, Union County, Arkansas.
Sec. 404. Sweetwater Reservoir, San Diego County, California.
Sec. 405. Whitewater River Basin, California.
Sec. 406. Little Ekonlachatchee River Basin, Florida.
Sec. 407. Port Everglades Inlet, Florida.
Sec. 408. Upper Des Plaines River and tributaries, Illinois and Wisconsin.
Sec. 409. Cameron Parish west of Calcasieu River, Louisiana.
Sec. 410. Grand Isle and vicinity, Louisiana.
Sec. 411. Lake Pontchartrain seawall, Louisiana.
Sec. 412. Westport, Massachusetts.
Sec. 413. Southwest Valley, Albuquerque, New Mexico.
Sec. 414. Capua Creek, New York.
Sec. 415. Arcola Creek Watershed, Madison, Ohio.
Sec. 416. Western Lake Erie Basin, Ohio, Indiana, and Michigan.
Sec. 417. Schuykill River, Norristown, Pennsylvania.
Sec. 418. Lakes Marion and Moultrie, South Carolina.
Sec. 419. Day County, South Dakota.
Sec. 420. Corpus Christi, Texas.
Sec. 421. Mitchell’s Cut Channel (Caney Fork Cut), Texas.
Sec. 422. Mouth of Colorado River, Texas.
Sec. 423. Kanawha River, Fayette County, West Virginia.
Sec. 424. West Virginia ports.
Sec. 425. Great Lakes region comprehensive study.
Sec. 426. Nutrient loading resulting from dredged material disposal.
Sec. 427. Santee Delta focus area, South Carolina.
Sec. 428. Del Norte County, California.
Sec. 430. Cumberland County, Tennessee.

TITLE V—MISCELLANEOUS PROVISIONS
Sec. 501. Corps assumption of NRCS projects.
Sec. 502. Construction assistance.
Sec. 503. Contaminated sediment dredging technology.
Sec. 504. Dam safety.
Sec. 505. Great Lakes remedial action plans.
Sec. 506. Sea Lamprey control measures in the Great Lakes.
Sec. 507. Maintenance of navigation channels.
Sec. 508. Measurement of Lake Michigan diversions.
Sec. 509. Upper Mississippi River environmental management program.
Sec. 510. Atlantic Coast of New York monitoring.
Sec. 511. Water control management.
Sec. 512. Beneficial use of dredged material.
Sec. 513. Design and construction assistance.
Sec. 514. Lower Missouri River aquatic restoration projects.
Sec. 515. Aquatic resources restoration in the Columbia.
Sec. 516. Innovative technologies for watershed restoration.
Sec. 517. Environmental restoration.
Sec. 518. Expedited consideration of certain projects.
Sec. 519. Dog River, Alabama.
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SEC. 529. Point Marion Lock And Dam, Pennsylvania.

SEC. 530. Santa Cruz Harbor, California.

SEC. 531. Point Beach, Milford, Connecticut.


SEC. 533. Shoreline protection and environmental restoration, Lake Allatoona, Georgia.

SEC. 534. Mayo’s Bar Lock and Dam, Coosa River, Rome, Georgia.

SEC. 535. Comprehensive flood impact response modeling system, Coralville Reservoir and Iowa River Watershed, Iowa.

SEC. 536. Additional construction assistance in Illinois.

SEC. 537. Kanopolis Lake, Kansas.

SEC. 538. Southern and Eastern Kentucky.

SEC. 539. South Carolina.

SEC. 540. Snug Harbor, Maryland.

SEC. 541. Welch Point, Elk River, Cecil County, and Chesapeake City, Maryland.

SEC. 542. West Vieau Shoals, Cecil County, Maryland.

SEC. 543. Restoration projects for Maryland, Pennsylvania, and West Virginia.

SEC. 544. Cape Cod Canal Railroad Bridge, Buzzards Bay, Massachusetts.

SEC. 545. St. Louis, Missouri.

SEC. 546. Beaver Branch of Big Timber Creek, Pennsylvania.

SEC. 547. Lake Ontario and St. Lawrence River water levels, New York.


SEC. 549. Sea Gate Reach, Coney Island, New York, New York.


SEC. 551. Town of Tonawanda, New York.

SEC. 552. White Oak River, North Carolina.

SEC. 553. Toussaint River, Carroll Township, Ottawa County, Ohio.

SEC. 554. Saratoga Farms, Oklahoma.

SEC. 555. Waurika Lake, Oklahoma, water conveyance facilities.

SEC. 556. Skinner Butte Park, Eugene, Oregon.

SEC. 557. Willamette River basin, Oregon.


SEC. 560. Point Marion Lock And Dam, Pennsylvania.


SEC. 562. Southeastern Pennsylvania.


SEC. 564. Aguadilla Harbor, Puerto Rico.

SEC. 565. Oahe Dam to Lake Sharpe, South Dakota.

SEC. 566. Integrated water management planning, Texas.


SEC. 568. Galveston Beach, Galveston County, Texas.

SEC. 569. Packer Channel, Corpus Christi, Texas.

SEC. 570. Northern West Virginia.

SEC. 571. Urbanized peak flood management reevaluation.

SEC. 572. Mississippi River Commission.

SEC. 573. Coastal aquatic habitat management.
an estimated Federal cost of $773,000, and at an estimated non-Federal cost of $1,109,000, for periodic nourishment over the 50-year life of the project, with an estimated annual Federal cost of $15,000,000 and an estimated non-Federal cost of $9,400,000.

(22) TURKEY CREEK BASIN, KANSAS CITY, MISSOURI, AND KANSAS CITY, KANSAS.—The project for navigation and related purposes, Turkey Creek Basin, Kansas City, Missouri, and Kansas City, Kansas: Report of the Chief of Engineers dated April 21, 1999, at a total cost of $42,875,000, with an estimated Federal cost of $25,556,000 and an estimated non-Federal cost of $17,319,000.

(23) LOWER CAPE MAY MEADOWS, CAPE MAY POINT, NEW JERSEY.—The project for navigation and related purposes, Lower Cape May Meadows, Cape May Point, New Jersey: Report of the Chief of Engineers dated April 5, 1999, at a total cost of $15,952,000, with an estimated Federal cost of $12,118,000 and an estimated non-Federal cost of $3,834,000, and at an estimated average annual cost of $1,114,000 for periodic nourishment over the 50-year life of the project, with an estimated annual Federal cost of $897,000 and an estimated annual non-Federal cost of $277,000.

(24) GUANAJIBO RIVER, PUERTO RICO.—The project for flood control, Guanajibo River, Puerto Rico: Report of the Chief of Engineers, dated February 27, 1996, at a total cost of $27,031,000, with an estimated Federal cost of $16,242,000 and an estimated non-Federal cost of $10,789,000.


(26) RIO NIGUA AT SALINAS, PUERTO RICO.—The project for flood control, Rio Nigua at Salinas, Puerto Rico: Report of the Chief of Engineers, dated April 19, 1999, at a total cost of $13,702,000, with an estimated Federal cost of $7,645,000 and an estimated non-Federal cost of $6,057,000.

(27) 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 31, 1997, at a total cost of $10,000,000, with an estimated Federal cost of $6,560,000 and an estimated non-Federal cost of $3,440,000.

(28) PROJECTS SUBJECT TO REPORT.—The following projects for water resources development and conservation and other purposes are authorized to be carried out by the Secretary subject to the conditions, recommended in a final report of the Corps of Engineers, if the report is completed not later than September 30, 1996.

(a) The Secretary may construct the project to a depth of 40 feet if the non-Federal interest agrees to pay any additional costs above those for ordinary projects.

(b) The Secretary shall employ a mitigation plan, if any, for ordinary projects.

(c) The Secretary, if the Secretary determines that the mitigation plan adequately addresses the potential environmental impacts of the project.

(d) The project authorized by subparagraph (A) may be carried out only if—

(i) the Secretary of the Interior, the Secretary of Commerce, the Administrator of the National Oceanic and Atmospheric Administration, and the Secretary of the Army have approved the plans for the project that includes—

(A) an analysis of the impacts of project depth alternatives ranging from 42 feet through 48 feet; and

(B) a selected plan for navigation and an associated mitigation plan as required by section 906(a) of the Water Resources Development Act of 1986 (33 U.S.C. 2283); and

(ii) the Secretary of the Interior, the Secretary of Commerce, the Administrator of the Environmental Protection Agency, and the Secretary shall have approved the selected plan and determined that the mitigation plan adequately addresses the potential environmental impacts of the project.

(e) MITIGATION REQUIREMENTS.—The mitigation plan shall be implemented in advance of or concurrently with construction of the project.

(f) The Secretary may carry out or fund, and the Secretary may not fund, any project for flood control, Des Plaines River, Illinois, at a total cost of $9,400,000 and an estimated Federal cost of $5,600,000 and an estimated non-Federal cost of $3,800,000.

(g) NEW JERSEY SHORE PROTECTION, BRIGANTINE INLET TO GREAT EGG HARBOR, BRIGANTINE ISLAND, NEW JERSEY.—The project for hurricane and storm damage prevention, Brigantine Inlet to Great Egg Harbor, Brigantine Island, New Jersey, at a total cost of $12,240,000, with an estimated Federal cost of $7,876,000 and an estimated non-Federal cost of $4,364,000.

(h) HAMILTON AIRFIELD, CALIFORNIA.—The project for wetlands restoration, Hamilton Airfield, California, at a total cost of $55,200,000, with an estimated Federal cost of $31,300,000 and an estimated non-Federal cost of $13,900,000.

(i) DELAWARE BAY COASTLINE, DELAWARE AND NEW JERSEY; OAKWOOD BEACH, NEW JERSEY.—The project for shore protection, Delaware Bay Coastline, Delaware and New Jersey: Oakwood Beach, New Jersey, at a total cost of $28,430,000, with an estimated Federal cost of $14,400,000 and an estimated non-Federal cost of $13,800,000.

(j) DELAWARE BAY COASTLINE, DELAWARE AND NEW JERSEY; REEDS BEACH AND PIERCIES POINT, NEW JERSEY.—The project for shore protection and ecosystem restoration, Delaware Bay Coastline, Delaware and New Jersey: Reeds Beach and Piers Point, New Jersey, at a total cost of $4,057,000, with an estimated Federal cost of $2,637,000 and an estimated non-Federal cost of $1,420,000.

(k) LITTLE TALBOT ISLAND, DUVAL COUNTY, FLORIDA.—The project for hurricane and storm damage prevention, Little Talbot Island, Duval County, Florida, at a total cost of $5,915,000, with an estimated Federal cost of $3,390,000 and an estimated non-Federal cost of $2,525,000.

(l) WENDOVER ELECTRIC POWER PLANT EXPANSION, GEORGIA.—The project for electric power plant expansion, Wendover Electric Power Plant, Georgia, at a total cost of $38,727,000, with an estimated Federal cost of $26,125,000 and an estimated non-Federal cost of $12,602,000.

(m) NEW JERSEY SHORE PROTECTION, TOWNSEND INLET TO CAPE MAY INLET, NEW JERSEY.—The project for hurricane and storm damage prevention, Townsend Inlet to Cape May Inlet, New Jersey: Report of the Chief of Engineers, dated September 28, 1998, at a total cost of $66,000,000, with an estimated Federal cost of $44,000,000 and an estimated non-Federal cost of $22,000,000.

(n) NEW JERSEY SHORE PROTECTION, SAVANNAH INLET TO GREAT EGG HARBOR, BRIGANTINE ISLAND, NEW JERSEY.—The project for hurricane and storm damage prevention, Savannah Inlet to Great Egg Harbor, Brigantine Island, New Jersey, at a total cost of $52,596,000, with an estimated Federal cost of $26,800,000 and an estimated non-Federal cost of $25,796,000.
cost of $4,970,000, with an estimated Federal cost of $3,229,000 and a total cost of $7,140,000, and at an estimated average non-Federal cost of $1,740,000, and at an estimated average non-Federal cost of $465,000 for periodic nourishment over the 50-year life of the project, with an estimated average Federal cost of $303,000,000, Project for flood control, 11) COLUMBIA RIVER CHANNEL, OREGON AND WASHINGTON.—The project for navigation, Columbia River Channel, Oregon and Washington, at a total cost of $183,623,000 with an estimated Federal cost $106,132,000 and an estimated non-Federal cost of $77,491,000.

12) MONROE COUNTY, ARKANSAS.—The locally preferred project for flood control, John- son Creek, Arlington, Texas, at a total cost of $20,300,000, with an estimated Federal cost of $11,000,000 and an estimated non-Federal cost of $8,300,000.

13) HOWARD HANSON DAM, WASHINGTON.—The project for water supply and ecosystem restoration, Howard Hanson Dam, Washington, at a total cost of $75,600,000, with an estimated Federal cost of $39,900,000 and an estimated non-Federal cost of $35,700,000.

SEC. 102. SMALL FLOOD CONTROL PROJECTS.

(a) IN GENERAL.—The Secretary shall conduct a study for each of the following projects and, after completion of such study, shall carry out the project under section 14 of the Flood Control Act of 1946 (33 U.S.C. 701):

(1) LANCaster, CALIFORNIA.—Project for flood control, Lancaster, California, westside stormwater detention facility.
(2) GATEway TRIANGLE area, FLORIda.—Project for flood control, Gateway Triangle area, Collier County, Florida.
(3) PLANT CITY, FLORIda.—Project for flood control, Plant City, Florida.
(4) STONE ISLAND, LAKe MONROE, FLORIda.—Project for flood control, Stone Island, Lake Monroe, Florida.
(5) OHIO River, ILLINOIs.—Project for flood control, Ohio River, Illinois.
(6) REPuAPO Creek, NEW JERSEy.—Project for flood control, Repasa Creek, New Jersey.
(7) OWASCO LAKE SEAWAll, NEW YORK.—Project for flood control, Owasco Lake seawall, New York.
(8) PORt CLINTOn, OHIO.—Project for flood control, Port Clinton, Ohio.
(9) WATertOWN, RIVER, OKLAHOMA.—Project for flood control, North Canadian River, Oklahoma.
(10) ABingtoN toWN, PENNSYLVANiA.—Project for flood control, Baeder and We a m aker Roads, Abington Township, Pennsylvania.
(11) PORt INDIAN, WEST NORRITON toWNship, PENNSYLVANiA.—Project for flood control, Port Indian, West Norriton Township, Montgomery County, Pennsylvania.
(12) PORt PROVIDenCe, UPPEr PROVIDenCe toWNship, PENNSYLVANiA.—Project for flood control, Port Providence, Upper Providence Township, Pennsylvania.
(13) SPRINGFIELD toWNship, MONTGOMERY County, PENNSYLVANiA.—Project for flood control, Springfield Township, Montgomery County, Pennsylvania.
(14) FIRST CREEK, KNOXVILLE, TENNESSEe.—Project for flood control, First Creek, Knoxville, Tennessee.
(15) METER CENTRAl LEvee, CUMBERLAND RIVER, KENTUCKY.—Project for flood control, Metro Center Levee, Cumberland River, Nashville, Tennessee.
(16) FESTUS and CRySTAL CITY, MISSOURi.—Project for flood control, Festus and Crystal City, Missouri.

(b) REVISION OF PROJECT COOPERATION AGREEMENT.—The Secretary shall revise the project cooperation agreement for the project referred to in paragraph (1) to take into account the change in the Federal participation in such project pursuant to paragraph (1).

(c) COST SHARING.—Nothing in this section shall be construed to require any cost-sharing requirement applicable to the project referred to in paragraph (1) under the Water Resources Development Act of 1986.

SEC. 103. SMALL BANK STABILIZATION PROJECTS.

The Secretary shall conduct a study for each of the following projects and, after completion of such study and, after completion of such study, shall carry out the project under section 14 of the Flood Control Act of 1946 (33 U.S.C. 701):

(1) SAIgINAW RIVER, BAY CITY, MICHIGAN.—Project for streambank erosion control, Saginaw River, Bay City, Michigan.
(2) BIG TIMBER CREEK, NEW JERSEY.—Project for streambank erosion control, Big Timber Creek, New Jersey.
(3) LAKE SHORE ROAD, ATHOL Springs, NEW YORK.—Project for streambank erosion control, Lake Shore Road, Athol Springs, New York.
(4) MARSTFORD COLLEGE, POUGHKEEPSIE, NEW YORK.—Project for streambank erosion control, Marist College, Poughkeepsie, New York.
(5) MONROE COUNTY, OHIO.—Project for streambank erosion control, Monroe County, Ohio.
(6) GREEN VALLEY, WEST VIRginIA.—Project for streambank erosion control, Green Valley, West Virginia.
(7) GREEN VALLEY, WEST VIRginIA.—Project for streambank erosion control, Green Valley, West Virginia.

SEC. 104. SMALL NAVIGATION PROJECTS.

The Secretary shall conduct a study for each of the following projects and, after completion of such study, shall carry out the project under section 107 of the River and Harbor Act of 1960 (33 U.S.C. 577):

(1) GRAND MARAIs, ARKANSAs.—Project for navigation, Grand Marais, Arkansas.
(2) FIELDS LANDING CHANNEL, HUMBOLDT harbour, CALIFORNIA.—Project for navigation, Fields Landing Channel, Humboldt Harbor, California.
(3) SAN MATEO (PILLAR POINT HARBOUR), CALIFORNIA.—Project for navigation, San Mateo (Pillar Point Harbor), California.
(4) AGA Na MARINA, GUAM.—Project for navigation, Agana Marina, Guam.
(5) AGAT MARINA, GUAM.—Project for navigation, Agat Marina, Guam.
(6) APRA HARBOR FUEL PIERS, GUAM.—Project for navigation, Apra Harbor Fuel Piers, Guam.
(7) APRA HARBOR FUEL SILOS, GUAM.—Project for navigation, Apra Harbor Fuel SILOS, Guam.
(8) APRA HARBOR SEAWALL, GUAM.—Project for navigation including a seawall, Apra Harbor, Guam.
(9) GUAM HARBOR, GUAM.—Project for navigation, Guam Harbor, Guam.
(10) ILLINOis RIVER NEAR CHAUTAUQUA PARK, ILLINOIs.—Project for navigation, Illinois River near Chautauqua Park, Illinois.
(11) WHITING SHORELINE WATERTFONT, WHITING, INDIANA.—Project for navigation, Whiting Shoreline Watertfront, Whiting, Indiana.
(12) NARAGUACU RIVER, MACHAIs, MAINE.—Project for navigation, Naraguacu River, Machais, Maine.
(13) UNION RIVER, ELLSWOTh, MAINE.—Project for navigation, Union River, Ellsworth, Maine.
(14) DETROIT WATERTFONT, MICHIGAN.—Project for navigation, Detroit River, Michigan, including dredging and removal of a ray.
(15) FORTEsCUE INLET, DELAWARE Bay, NEW JERSEy.—Project for navigation for Fortescue Inlet, Delaware Bay, New Jersey.
(16) BUFFALO and LASALLe PARK, NEW YORK.—Project for navigation, Buffalo and LaSalle Park, New York.
(17) STOR桂E POINT, NEW YORK.—Project for navigation, Sturgeon Point, New York.
(18) FAIRPORT HARBOR, OHIO.—Project for navigation, Fairport Harbor, Ohio, including a recreation channel.

SEC. 105. SMALL PROJECTS FOR IMPROVEMENT OF THE ENVIRONMENT.

(a) IN GENERAL.—The Secretary shall conduct a study for each of the following projects and, after completion of such study, shall carry out the project under section 1135(a) of the Water Resources Development Act of 1986 (33 U.S.C. 2309a):

(1) ILLINOIS RIVER IN THE VICINITY OF HATANa, ILLINOIs.—Project for the improvement of the environment, Illinois River in the vicinity of Havana, Illinois.
(2) KNITTING MILL CREEK, VIRGINIA.—Project for the improvement of the environment, Knitting Mill Creek, Virginia.
(3) PINE FLAT DAM, KINGS RIVER, CALIFIcANo.—The Secretary shall carry out under section 1135(a) of the Water Resources Development Act of 1986 (33 U.S.C. 2309a) a project to construct a turbine bypass at Pine Flat Dam, Kings River, California, in accordance with the Project Modification Report and Environmental Assessment dated September 1996.

SEC. 106. SMALL MARITIME ECOSYSTEM RESTORATION PROJECTS.

The Secretary shall conduct a study for each of the following projects and, after completion of such study, shall carry out the project under section 206 of the Water Resources Development Act of 1996 (33 U.S.C. 2330):

(1) CONTRA COSTA COUNTY, BAY DELTA, CALIFIcANo.—Project for aquatic ecosystem restoration, Contra Costa County, Bay Delta, California.
(2) INDIAN RIVER, FLORIda.—Project for aquatic ecosystem restoration and lagoon restoration, Indian River, Florida.
(3) LITTLE WEKIWA RIVER, FLORIda.—Project for aquatic ecosystem restoration and lagoon restoration, Little Wekiva River, Florida.
(4) COOK COUNTY, ILLINOIs.—Project for aquatic ecosystem restoration and erosion control, Little Waukegan River, Chicago.
(5) GRAND BATTERY ISLAND, MUSsippI.—Project for aquatic ecosystem restoration, Grand Battery Island, Mississippi.
(6) HAnCOCK, HARRISON, and JACKSON COUNTiES, MUSsippI.—Project for aquatic ecosystem restoration and reef restoration along the Gulf Coast, Hancock, Harrison, and Jackson Counties, Mississippi.
(7) MUSsippi RIVER and RIVER DES PERES, St. Louis, MUsSiSSHpI.—Project for aquatic ecosystem restoration and recreation, Mississippi River and River Des Peres, St. Louis, Missouri.
(8) HUDSON RIVER, NEW YORK.—Project for aquatic ecosystem restoration, Hudson River, New York.
(9) ONEIDA LAKE, NEW YORK.—Project for aquatic ecosystem restoration, Oneida Lake, Oneida County, New York.
(10) OTSEGO LAKE, NEW YORK.—Project for aquatic ecosystem restoration, Otsego Lake, Otsego County, New York.
(11) NORTH FORK of YELLOW CREEK, OHIO.—Project for aquatic ecosystem restoration, North Fork of Yellow Creek, Ohio.
(12) CHEESEKILL MILLaRCE, OREGON.—Project for aquatic ecosystem restoration, Cheesekill Millrace, Oregon.
(13) UPPER AMazon CREEK, OREGON.—Project for aquatic ecosystem restoration, Upper Amazon Creek, Oregon.

(14) LAKE ONTARiEau RESErVOir, BERKS COUNTY, PENNSYLVANiA.—Project for aquatic ecosystem restoration and distilling pond facilities, Lake Ontelaunee Reservoir, Berks County, Pennsylvania.
SEC. 201. SMALL FLOOD CONTROL AUTHORITY.

Section 205 of the Flood Control Act of 1948 (33 U.S.C. 709a(b)) is amended—
(1) by striking “construction of small projects” and inserting “implementation of small structural and nonstructural projects”; and
(2) by striking “$5,000,000” and inserting “$7,000,000”.

SEC. 202. USE OF NON-FEDERAL FUNDS FOR COM-PILING AND DISSEMINATING INFORMATION ON FLOODS AND FLOOD CONTROL.

The last sentence of section 206(b) of the Flood Control Act of 1960 (33 U.S.C. 709a(b)) is amended by inserting before the period the following: “except that this limitation on fees shall not apply to benefactors voluntarily contributed by such entities for the purpose of expanding the scope of the services requested by such entities”.

SEC. 203. CONTRIBUTIONS BY STATES AND POLITICAL SUBDIVISIONS.

Section 5 of the Flood Control Act of June 22, 1938 (33 U.S.C. 701h), is amended by inserting “or environmental restoration” after “flood control”.

SEC. 204. SEDIMENT DECONTAMINATION TECHNOLOGY.

(1) by adding at the end of subsection (a) the following:
“(4) PRACTICAL END-USE PRODUCTS.—Technologies selected for demonstration at the pilot scale shall be intended to result in practical end-use products.”;
(2) in subsection (c) by striking the first sentence and inserting the following: “There is authorized to be appropriated to carry out this section $22,000,000 to complete technology testing, technology commercialization, and the development of small-scale processing facilities within the New York/New Jersey Harbor;”;
and
(3) by adding at the end the following:
“(e) SUPPORT.—In carrying out the program under this section, the Secretary is encouraged to utilize contracts, cooperative agreements, and grants with colleges and universities and other non-Federal entities.”.

SEC. 205. CONTROL OF AQUATIC PLANTS.

Section 191 of the River and Harbor Act of 1958 (33 U.S.C. 610) is amended—
(1) in subsection (a) by inserting “arundo,” after “milfoil,”
(2) in subsection (b) by striking “$12,000,000” and inserting “$15,000,000.”;
and
(3) by adding at the end the following:
“(c) SUPPORT.—In carrying out this program, the Secretary is encouraged to utilize contracts, cooperative agreements, and grants with colleges and universities and other non-Federal entities.”.

SEC. 206. USE OF CONTINUING CONTRACTS REQUIRED FOR CONSTRUCTION OF CERTAIN PROJECTS.

(a) In General.—Notwithstanding any other provision of law, the Secretary shall not implement a fully allocated funding policy with respect to a water resources project if initiation of construction has occurred but sufficient funds are not appropriated to complete the project. The Secretary shall enter into continuing contracts for such project.

(b) Initiation of Construction Clarified.—For the purposes of the section, construction for a project occurs on the date of the enactment of an Act that appropriates funds for the project from one of the following appropriation accounts:
(1) Construction, General.
(2) Operation and Maintenance, General.
(3) Flood Control, Mississippi River and Tributaries.

SEC. 207. SUPPORT OF ARMED SERVICES WORKING PROGRAM.

The requirements of section 236 of title 10, United States Code, shall not apply to any contract, cooperative research and development agreement, cooperative agreement, or grant entered into under section 229 of the Water Resources Development Act of 1996 (110 Stat. 3703) between the Secretary and Marshall University or进入ed into under section 350 of this Act between the Secretary and Juniata College.

SEC. 208. WATER RESOURCES DEVELOPMENT STUDIES FOR THE PACIFIC REGION.

Section 444 of the Water Resources Development Act of 1996 (110 Stat. 3747) is amended by striking “water resources development” and inserting “interests of water resources development, including navigation, flood damage reduction, and environmental restoration”.

SEC. 209. EVERGLADES AND SOUTH FLORIDA ECOSYSTEM RESTORATION.

(a) PROGRAM EXTENSION.—Section 528(b)(3) of the Water Resources Development Act of 1996 (110 Stat. 3769) is amended—
(1) in subparagraph (B) by striking “1999” and inserting “2000”; and
(2) in subparagraph (C)(i) by striking “1999” and inserting “2000”.

(b) CREDIT.—Section 528(b)(3) of such Act is amended by adding at the end the following:
“(D) CREDIT OF PAST AND FUTURE ACTIVITIES.—The Secretary may provide a credit to the non-Federal interests toward the non-Federal share of a project implemented under subparagraph (A). The credit shall be for reasonable costs of work performed by the non-Federal interests if the Secretary determines that the work substantially expedited completion of the project and is compatible with an integral part of the project, and the credit is provided pursuant to a specific project cooperation agreement.”.

(c) CALLOOSAHATCHEE RIVER BASIN, FLORIDA.—Section 528(e)(4) of such Act is amended by inserting before the period at the end of the first sentence the following: “if the Secretary determines that such land acquisition is compatible with and an integral component of the Calloosahatchee River basin or other areas”.

SEC. 210. BENEFICIAL USES OF DREDGED MATE-RIAL.

Section 204 of the Water Resources Development Act of 1992 (106 Stat. 4826–4827) is amended—
(1) in paragraph (7) by inserting before the period the following: “There is authorized to be appropriated to carry out this section $22,000,000 to complete technology testing, technology commercialization, and the development of small-scale processing facilities within the New York/New Jersey Harbor.”;
and
(2) by adding at the end the following:
“(e) SUPPORT.—In carrying out the program under this section, the Secretary is encouraged to utilize contracts, cooperative agreements, and grants with colleges and universities and other non-Federal entities.”.

SEC. 211. HARBOR COST SHARING.

(a) IN GENERAL.—Sections 191 and 214 of the Water Resources Development Act of 1996 (33 U.S.C. 2211 and 2241; Public Law 99–662) are amended by striking “45 feet” each place it appears.

(b) APPLICABILITY.—The amendments made by subsection (a) shall only apply to a project, or separable element thereof, on which a contract for construction has not been awarded before the date of the enactment of this Act.

SEC. 212. AQUATIC ECOSYSTEM RESTORATION.

Section 206 of the Water Resources Development Act of 1996 (110 Stat. 3679–3680) is amended—
(1) by adding at the end of subsection (b) the following: “Before October 1, 2003, the Federal share may be provided in the form of grants or reimbursements of project costs.”;
and
(2) by adding at the end of subsection (c) the following: “Notwithstanding section 221(b) of the Flood Control Act of 1970 (42 U.S.C. 2212(b)), the Secretary, after coordination with the appropriate State and local government officials having jurisdiction over an area in which a project under this section will be carried out, may allow a nonprofit entity to serve as the non-Federal interest for the project.”.

SEC. 213. WATERSHED MANAGEMENT, RESTORA-TION, AND DEVELOPMENT.

(a) NONPROFIT ENTITY AS NON-FEDERAL INTEREST.—Section 503(a) of the Water Resources Development Act of 1996 (110 Stat. 3756) is amended by adding at the end the following: “Notwithstanding section 221(b) of the Flood Control Act of 1970 (42 U.S.C. 2212(b)), the Secretary, after coordination with the appropriate State and local government officials having jurisdiction over an area in which a project under this section will be carried out, may allow a nonprofit entity to serve as the non-Federal interest for the project.”.

(b) PROJECT LOCATIONS.—Section 503(d)(a) of such Act is amended—
(1) in paragraph (7) by inserting before the period the following: “The Secretary may enter into a cooperative agreement as defined in section 229 of the Water Resources Development Act of 1996, with a nonprofit entity to serve as the non-Federal interest for the project.”;
and
(2) by adding at the end the following:
“(A) NORTHERN CALIFORNIA BASIN, CALIFORNIA.—(1) AUTHORITY.—In carrying out the program under this section, the Secretary shall enter into continuing contracts for the purpose of carrying out projects described in subsection (b).

SEC. 214. FLOOD MITIGATION AND RIVERINE RE-NALIZATION PILOT PROGRAM.

(a) IN GENERAL.—The Secretary may undertake a program for the purpose of conducting projects that reduce flood hazards and restore the natural functions and values of rivers throughout the United States.

(b) STUDIES AND PROJECTS.

(1) AUTHORITY.—In carrying out the program, the Secretary may conduct studies to identify appropriate flood damage reduction, conservation, and restoration measures and may design and implement projects described in subsection (a).

(2) CONSULTATION AND COORDINATION.—The studies and projects carried out under this section shall, to the maximum extent practicable, in consultation and coordination with the Federal Emergency Management Agency and other appropriate Federal agencies, and in consultation and coordination with appropriate State, tribal, and local agencies.

(3) NONSTRUCTURAL APPROACHES.—The studies and projects described in this section shall emphasize, to the maximum extent practicable, nonstructural approaches to preventing or reducing flood damages.
(4) Use of State, Tribal, and Local Studies and Projects—The non-Federal interests shall pay 35 percent of the cost of any environmental restoration or non-structural flood control project carried out under this section. The non-Federal interests shall provide all land, easements, rights-of-way, dredged material disposal areas, and relocations shall be credited toward the payment required under this paragraph.

(5) Structural Flood Control Projects—Any structural flood control measures carried out under this section shall be subject to cost sharing in accordance with section 103(a) of the Water Resources Development Act of 1986 (33 U.S.C. 2213(a)).

(6) Construction and Maintenance—The non-Federal interests shall be responsible for all costs associated with operating, maintaining, replacing, repaving, and rehabilitating all projects carried out under this section.

(7) Project Justification—

(a) In General—Notwithstanding any other provision of law or requirement for economic justification established pursuant to section 109 of the Flood Control Act of 1970 (42 U.S.C. 1962-2), the Secretary may implement a project under this section if the Secretary determines that the project—

(A) will significantly reduce potential flood damages;
(B) will improve the quality of the environment; and
(C) is justified considering all costs and beneficial outputs of the project.

(b) Establishment of Selection and Rating Criteria—Not later than 180 days after the date of the enactment of this section, the Secretary, in cooperation with State, tribal, and local agencies, shall develop, and transmit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate a report describing the results of the review conducted under this subsection with all recommendations concerning continuation of the program.

(c) Cost Limitations—

(1) General.—The program established under this section shall be subject to an independent review to evaluate the efficacy of the program in achieving the dual goals of flood hazard mitigation and riverine restoration.

(2) Report.—Not later than April 15, 2003, the Secretary shall transmit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate a report on the projects carried out under this section with all recommendations concerning continuation of the program.

(3) Cost Limitations.—

(A) Limitation on Appropriations.—No appropriation shall be made to construct any project under the Federal share of construction of which exceeds $15,000,000 if the project has not been approved by resolutions adopted by the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate.

(B) Report.—For the purpose of securing consideration of approval under this paragraph, the Secretary shall transmit a report on the proposed project, including all relevant data and information on all costs.

(4) Authorization of Appropriations—There is authorized to be appropriated to carry out this section:

(a) $25,000,000 for fiscal year 2002 if $12,500,000 or more is appropriated to carry out subsection (e) for fiscal year 2001 and

(b) $25,000,000 for fiscal year 2003 if $12,500,000 or more is appropriated to carry out subsection (e) for fiscal year 2002.

(5) Program Review—

(a) In General.—The Secretary shall review the implementation of the Corps of Engineers' coastal engineering research and studies program and the National Estuarine Research Reserve System and shall be subject to an independent review to evaluate the efficacy of the program in achieving the dual goals of flood hazard mitigation and riverine restoration.

(b) Report.—Not later than April 15, 2003, the Secretary shall transmit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate a report describing the results of the review conducted under subsection (a).

(c) Beneficial Use of Dredged Material—In providing assistance under subsection (a), the Secretary shall encourage the beneficial use of dredged material, consistent with the findings of the Secretary under section 204 of the Water Resources Development Act of 1992 (33 U.S.C. 2226).

(d) Non-Federal Share.—The non-Federal share of the cost of assistance provided under subsection (a) shall be 50 percent.

(e) Authorization of Appropriations.—There is authorized to be appropriated to carry out this section $3,000,000 for each of fiscal years 2000 through 2004.

SEC. 217. Shore Damage Mitigation.

(a) In General.—Section 111 of the River and Harbor Act of 1968 (33 U.S.C. 419) is amended by inserting after "navigation works" the following: "and shore damages attributable to the Atlantic Intracoastal Waterway and the Gulf Intracoastal Waterway.

(b) Palm Beach County, Florida.—The project for navigation, Palm Beach County, Florida, authorized by section 2 of the River and Harbor Act of March 2, 1945 (39 Stat. 11), is modified to authorize the Secretary to undertake beach nourishment as a dredged material disposal option under the project.

SEC. 218. Shore Protection.

(a) Non-Federal Share of Periodic Nourishment.—Section 103(d) of the Water Resources Development Act of 1986 (100 Stat. 4055-4066) is amended—

(1) by inserting "(1) Construction": before "Costs of constructing";

(2) by inserting at the end the following:

"(2) Periodic Nourishment.—";

(A) in general.—Subject to subparagraph (B), the non-Federal share of costs of periodic nourishment measures for shore protection or beach erosion control shall:

(i) after January 1, 2001, shall be 40 percent;

(ii) after January 1, 2002, shall be 45 percent; and

(iii) after January 1, 2003, shall be 50 percent.

(B) Benefits to privately owned shores.—All costs assigned to benefits of periodic nourishment measures to privately owned shores (hereafter referred to as "private shores") are limited to private interests or to prevention of losses of private lands shall be borne by the non-Federal interest and all costs assigned to the protection of federally owned shores for such measures shall be borne by the United States.

(c) Indenting Paragraph (1) (as designated by subparagraph (A) of this paragraph) and aligning such paragraph with paragraph (2) (as added by subparagraph (B) of this paragraph).

(b) Utilization of Sand from Outer Continental Shelf.—Section 8(k)(2)(B) of the Outer Continental Shelf Lands Act (43 U.S.C. 1337(k)(2)(B)) is amended by striking "an agency of the Federal Government" and inserting "a Federal, State, or local government agency".

(c) Report on Nation's Shoreline—

(1) In general.—Not later than 3 years after the date of the enactment of this Act, the Secretary shall report to Congress on the state of the Nation's shorelines.

(2) Contents.—The report shall include—

(A) a description of the extent of, and economic and environmental effects caused by, erosion and accretion along the Nation's shores and the causes thereof;

(B) a description of resources committed by local, State, and Federal governments to restore and nourish the shore; and

(C) a description of the systematic movement of sand along the Nation's shores; and
D. recommendations regarding (i) appropriate local non-Federal participation in shoreline protection, and (ii) utilization of a systems approach to sand management.

3. UTILIZATION OF SPECIFIC LOCATION DATA.—In developing and implementing cooperative agreements with non-Federal interests, the Secretary will utilize data from specific locations on the Atlantic, Pacific, Great Lakes, and Gulf of Mexico coasts.

4. NATIONAL COASTAL DATA BANK.—(1) ESTABLISHMENT OF DATA BANK.—Not later than 3 years after the date of the enactment of this Act, the Secretary shall establish a national coastal data bank containing data on the geophysical, geological, and biological characteristics of the Nation's shorelines.

5. CONTENT.—To the extent practical, the national coastal data bank shall include data regarding current and predicted shoreline positions, information on federally authorized shore protection projects, and data on the movement of sand along the Nation's shores, including impediments to such movement caused by natural and manmade features.

6. ACCESS.—The national coastal data bank shall be made readily accessible to the public.

SEC. 220. ANNUAL PASSES FOR RECREATION.

Section 208(c)(4) of the Water Resources Development Act of 1986 (16 U.S.C. 460l note; 110 Stat. 3680) is amended by striking "1999," or the date of transmittal of the report under paragraph (3) and inserting "2003".

SEC. 221. COOPERATIVE AGREEMENTS FOR ENVIRONMENTAL, NUTRITIONAL, AND RECREATIONAL MEASURES.

(a) IN GENERAL.—The Secretary is authorized to enter into cooperative agreements with non-Federal public bodies and non-profit entities for the purpose of facilitating collaborative efforts involving environmental protection and restoration, water conservation, water recreation in connection with the development, operation, and management of water resources projects under the jurisdiction of the Department of the Army.

(b) REPORT.—Not later than 18 months after the date of the enactment of this Act, the Secretary shall transmit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate a report that includes—

(1) a listing and general description of the cooperative agreements entered into by the Secretary with non-Federal public bodies and entities under subsection (a);

(2) a determination of whether such agreements are facilitating collaborative efforts; and

(3) a recommendation on whether such agreements should be further encouraged.

SEC. 222. ENVIRONMENTAL FLOOD CONTROL PROJECTS.

(a) ANALYSIS OF BENEFITS.—Section 308 of the Water Resources Development Act of 1990 (33 U.S.C. 2283(e)) is amended—

(1) in the heading to subsection (a) by inserting "ELEMENTS EXCLUDED FROM" before "BENEFIT-COST";

(2) by redesignating subsections (b) through (e) as subsections (c) through (f), respectively; and

(3) by inserting after subsection (a) the following:

"(b) FLOOD DAMAGE REDUCTION BENEFITS.—In calculating the benefits of a proposed project for nonstructural flood damage reduction, the Secretary shall calculate benefits of nonstructural projects using methods similar to structural projects, including similar treatment in calculating the benefits from losses avoided from both structural and nonstructural alternatives. In carrying out this subsection, the Secretary shall avoid double counting of benefits."

"(c) REEVALUATION OF FLOOD CONTROL PROJECTS.—At the request of a non-Federal interest for a flood control project, the Secretary shall conduct a reevaluation of a previously authorized project to consider nonstructural alternatives in light of the amendments made by subsection (a).

(d) COST SHARING.—Section 103(b) of the Water Resources Development Act of 1986 (33 U.S.C. 2213(b)) is amended by adding at the end the following: "At any time during construction of the project, the Secretary shall furnish the non-Federal share of the total costs of the project, shall be a Federal responsibility and shall be contributed during construction as part of the Federal share.".

SEC. 223. LAKES PROGRAM.

Section 602(a) of the Water Resources Development Act of 1986 (110 Stat. 3758) is amended—

(1) by striking "and" at the end of paragraph (15);

(2) by striking the period at the end of paragraph (16) and inserting a semicolon; and

(3) by adding at the end the following:

"(17) Clear Lake, Lake County, California, removal of silt and aquatic growth and measures to address excessive sedimentation and high nutrient concentration;"

"(18) Osgood Pond, Milford, Hillsborough County, New Hampshire, removal of silt and aquatic growth and measures to address excessive sedimentation; and"

"(19) Flints Pond, Hollis, Hillsborough County, New Hampshire, removal of silt and aquatic growth and measures to address excessive sedimentation.".

SEC. 224. CONSTRUCTION OF FLOOD CONTROL PROJECTS BY NON-FEDERAL INTERESTS.

(a) CONSTRUCTION BY NON-FEDERAL INTERESTS.—Section 211(d)(2) of the Water Resources Development Act of 1996 (33 U.S.C. 701b–13(d)(1)) is amended—

(1) by striking "(b)" or "(b)";

(2) by striking "Any non-Federal" and inserting the following: "Any non-Federal"; and

(3) by inserting after subsection (a) the following: "(A) STUDIES AND DESIGN ACTIVITIES UNDER SUBSECTION (B)—A non-Federal interest may carry out and construct for which studies and design documents are prepared under subsection (b) if the Secretary approves such construction. The Secretary shall approve such construction in consultation with the State in which the project is located, when the Secretary determines, in writing, that the design documents do not meet standard practices for design methodologies or that the project is not economically justified or environmentally beneficial and does not meet the requirements for obtaining the appropriate permits required under the Secretary's authority. The Secretary shall not unreasonably withhold approval. A non-Federal interest may be construed to affect any regulatory authority of the Secretary.

(B) STUDIES AND DESIGN ACTIVITIES UNDER SUBSECTION (B)—Any non-Federal"; and

(b) SCHEDULE AND MANNER OF REIMBURSEMENT.—Section 211(e) of such Act (33 U.S.C. 701b–13(e)) is amended by adding at the end the following:

"(D) SCHEDULE AND MANNER OF REIMBURSEMENT.—(1) BUDGETING.—The Secretary shall budget and request appropriations for reimbursements under this section on a schedule that is consistent with a Federal construction schedule.

(2) COMMENCEMENT OF REIMBURSEMENTS.—Reimbursements under this section may commence upon approval of a project by the Secretary.

(3) CREDIT.—At the request of a non-Federal interest, the Secretary may reimburse the non-Federal interest by providing credit towards future non-Federal costs of the project.

(4) SCHEDULING.—Nothing in this paragraph shall affect the President's discretion to schedule new construction starts.

SEC. 225. ENHANCEMENT OF FISH AND WILDLIFE RESOURCES.

Section 506(e) of the Water Resources Development Act of 1986 (33 U.S.C. 2283(e)) is amended by inserting after the second sentence the following: "Not more than 10 percent of the non-Federal share of such first costs may be satisfied through in-kind contributions, including facilities, supplies, and services that are necessary to carry out the enhancement project.

SEC. 226. SENSE OF CONGRESS; REQUIREMENT REGARDING NOTICE.

(a) PURCHASE OF AMERICAN-MADE EQUIPMENT AND PRODUCTS.—It is the sense of Congress that, to the greatest extent practicable, all equipment and products purchased under funds made available under this Act should be American made.

(b) NOTICE TO RECIPIENTS OF ASSISTANCE.—In providing financial assistance under this Act, the Secretary, to the extent practicable, shall provide to each recipient of the assistance a notice describing the statement made in subsection (a).

SEC. 227. SYNDROMIC BEACH NUTRITION.

(a) IN GENERAL.—Section 506(a) of the Water Resources Development Act of 1996 (110 Stat. 3757) is amended by adding at the end the following:

"(5) LEE COUNTY, FLORIDA.—Project for shore

(b) FLORIDA.—Project for shore

(c) PACIFIC.—Section 506(b)(3) of such Act (110 Stat. 3758) is amended by striking subparagraph (A) and redesignating subparagraphs (B) and (C) as (B) and inserting as (A)."
SEC. 305. LOGGAY BAYOU, RED RIVER BELOW DENISON DAM, LOUISIANA, OKLAHOMA, AND TEXAS.

The project for flood control on the Red River Below Denison Dam, Louisiana, Oklahoma, and Texas, as described in section 12 of the Flood Control Act of 1946 (60 Stat. 647), is modified to direct the Secretary to conduct a study to determine the feasibility of expanding the project to include Loggay Bayou between the Red River and Flat River. If the Secretary determines as a result of the study that the project should be expanded, the Secretary may modify the boundaries to include Ten- and Fifteen-Mile Bayous near West Memphis, Arkansas. Notwithstanding section 103(f) of the Water Resources Development Act of 1986, the flood control operation, Ten- and Fifteen-Mile Bayou shall not be considered separable elements of the St. Francis River Basin project.

SEC. 306. SACRAMENTO RIVER, GLENN-COLUSA, CALIFORNIA.

(a) IN GENERAL.—The project for flood control, Sacramento River, California, authorized by section 2 of the Act entitled “An Act to provide for the control of the floods of the Mississippi River and of the Sacramento River, California, and for other purposes”, approved March 1, 1917 (39 Stat. 493), as modified by section 301(b)(3) of the Water Resources Development Act of 1996 (110 Stat. 3110), and Title I of the Energy and Water Development Appropriations Act, 1999 (112 Stat. 1841), is further modified to authorize the Secretary—

(1) to carry out the portion of the project at Glenn-Colusa, California, at a total cost of $20,000,000, with an estimated Federal cost of $20,000,000 and an estimated non-Federal cost of $6,000,000; and

(2) to carry out bank stabilization work in the vicinity of the riverbed gradient facility, particularly in the vicinity of River Mile 208.

(b) CREDITS.—The Secretary shall provide the non-Federal interests for the project referred to in subsection (a) a credit of up to $4,000,000 toward the non-Federal share of the project costs for the direct and indirect costs incurred by the non-Federal sponsor in carrying out activities associated with environmental compliance for the project. Such credit may be in the form of reimbursement, credits, or other credits that are awarded by the non-Federal interests prior to an agreement with the Corps of Engineers, to include the value of lands, easements, rights-of-way, relocations, or dredging, or any combination thereof.

SEC. 307. SAN LORENZO RIVER, CALIFORNIA.

The project for flood control and habitat restoration, San Lorenzo River, California, authorized by section 101(a)(5) of the Water Resources Development Act of 1996 (110 Stat. 3663), is modified to authorize the Secretary to expand the boundaries of the project to include bank stabilization for a 1,000-foot portion of the San Lorenzo River.

SEC. 308. TERMINUS DAM, KAWEAH RIVER, CALIFORNIA.

(a) TRANSFER OF TITLE TO ADDITIONAL LAND.—If the non-Federal interests for the project for flood control and water supply, Terminus Dam, Kaweah River, California, authorized by section 101(b)(5) of the Water Resources Development Act of 1996 (110 Stat. 3663), transfers to the Secretary without consideration title to perimeter lands acquired for the project by the non-Federal interests, the Secretary may accept the transfer of title and include such lands in the project.

(b) LANDS, EASEMENT, AND RIGHTS-OF-WAY.—Nothing in this section shall be construed to modify, change, modify, or otherwise affect the responsibilities of the non-Federal interests to provide perimeter lands, easements, rights-of-way, relocations, and dredged material disposal areas necessary for the Terminus Dam project and to perform the functions set forth in the project.

(c) OPERATION AND MAINTENANCE.—Upon request by the non-Federal interests, the Secretary shall carry out operation, maintenance, repair, rehabilitation, and replacement of the project if the non-Federal interests enter into a binding agreement with the Secretary to reimburse the Secretary for 100 percent of the costs of such operations, maintenance, repair, replacement, and rehabilitation.

(d) HOLD HARMLESS.—The non-Federal interests shall hold the United States harmless for any liability, claim, or damage arising out of the operation and maintenance of the Terminus Dam project to which is transferred to the Secretary under this section.

SEC. 309. DELAWARE RIVER MAINSTEM AND CHAIN, DEEPENING, DELAWARE, NEW JERSEY, AND PENNSYLVANIA.

The project for navigation, Delaware River Mainstem and Chain Deepening, Delaware, New Jersey, and Pennsylvania, authorized by section 101(b)(7) of the Water Resources Development Act of 1996 (110 Stat. 3667), is modified as follows:

(1) The Secretary is authorized to provide non-Federal interests credit toward construction and maintenance of one non-Federal share for the construction and subsequent to construction for the costs of construction carried out by the non-Federal interest on behalf of the Secretary and that the Secretary determines to implement the project.

(2) The Secretary is authorized to enter into an agreement with a non-Federal interest for the payment of disposal or tipping fees for dredged material from a Federal project other than for the construction or operation and maintenance of a deepening project as described in the Limited Reevaluation Report of May 1997, where the non-Federal interest has supplied the corresponding disposal capacity.

(3) The Secretary is authorized to enter into an agreement with a non-Federal interest to pay for the construction of certain public works on rivers and harbors for flood control and other purposes, approved December 22, 1944 (58 Stat. 897), is modified to provide that project costs totaling $2,610,000 expended on Units L-15, L-246, and L-385 out of the Construction, General account (65 Fed. Reg. 58665 (November 28, 1995)) or other applicable Federal law (including regulations).

SEC. 310. POTOMAC RIVER, WASHINGTON, DISTRICT OF COLUMBIA.

The project for flood control, Potomac River, District of Columbia, authorized by section 5 of the Flood Control Act of June 22, 1936 (109 Stat. 152), and modified by section 301(a)(4) of the Water Resources Development Act of 1996 (110 Stat. 3707), is further modified to authorize the Secretary to construct the project at a Federal cost of $6,129,000, subject to implementation of the Philadelphia District’s private sector performance goals for engineering work by a like amount.

(a) STUDY.—The Secretary, in cooperation with the non-Federal interests, shall conduct a study that the Secretary determines to be necessary to approve the project. Any such credits extended shall reduce the Philadelphia District’s private sector performance goals for engineering work by a like amount.

(b) CONDITIONS.—In conducting the study, the Secretary shall utilize the services of an independent engineering firm. The Secretary shall conduct a review of all relevant studies completed by the Corps of Engineers and the project’s local sponsor. The study
shall be completed within 120 days of the date of the enactment of this Act.

(c) MITIGATION OF DAMAGES.—After completion of the study, the Secretary shall mitigate any damage to the shoreline protection project that is found to result from Federal navigation project.

The costs of the mitigation shall be allocated to the Federal navigation project as operation and maintenance.

SEC. 312. BRECKENRIDGE COUNTY AND HILLSBORO INLET, FLORIDA.

The project for shoreline protection, Breckenridge County and Hillsboro Inlet, Florida, authorized by section 301 of the River and Harbor Act of 1965 (79 Stat. 1890), is modified—

(1) to XX.

(2) by modifying subsection (a) to XX.

(3) by adding the end following:

"(c) MITIGATION OF DAMAGES.—After completion of the study, the Secretary shall mitigate any damage to the shoreline protection project that is found to result from Federal navigation project. The costs of the mitigation shall be allocated to the Federal navigation project as operation and maintenance."

SEC. 313. FORT PIERCE, FLORIDA.

(a) IN GENERAL.—The project for shore protection and harbor mitigation, Fort Pierce, Florida, authorized by section 301 of the River and Harbor Act of 1963 (79 Stat. 1902) and section 506(a)(2) of the Water Resources Development Act of 1996 (110 Stat. 3757), is modified to incorporate an additional 1 mile into the project in accordance with an approved environmental evaluation report, at a total cost for initial nourishment for the entire project of $9,128,000, with an estimated Federal cost of $7,073,500 and an estimated non-Federal cost of $2,054,500.

(b) PERIOD NOURISHMENT.—Periodic nourishment is authorized for the project in accordance with section 506(a)(2) of Water Resources Development Act of 1996 (110 Stat. 3757).

(c) REVISION OF THE PROJECT COOPERATION AGREEMENT.—The Secretary shall revise the project cooperation agreement for the project referred to in subsection (a) to take into account the change in Federal participation in the project pursuant to subsection (a).

SEC. 314. NASSAU COUNTY, FLORIDA.

The project for beach erosion control, Nassau County (Amelia Island), Florida, authorized by section 3(a)(3) of the Water Resources Development Act of 1988 (102 Stat. 4013), is modified to authorize construction to construct the project at a total cost of $17,000,000, with an estimated Federal cost of $13,300,000 and an estimated non-Federal cost of $3,700,000.

SEC. 315. MIAMI HARBOR CHANNEL, FLORIDA.

The project for navigation, Miami Harbor Channel, Florida, authorized by section 101(a)(9) of the Water Resources Development Act of 1990 (104 Stat. 4060), is modified to include construction of artificial reefs and related environmental mitigation required by Federal, State, and local environmental permitting agencies for the project.

SEC. 316. LAKE MICHIGAN, ILLINOIS.

The project for storm damage reduction and shoreline erosion protection, Lake Michigan, Illinois, from Wilmette, Illinois, to the Illinois-Indiana shore, authorized by section 101(a)(12) of the Water Resources Development Act of 1996 (110 Stat. 3664), is modified to authorize the Secretary to provide a credit against the non-Federal share of the cost of the project for costs incurred by the non-Federal interest—

(1) in constructing Reach 2D and Segment 8 of Reach 4 of the project; and

(2) in constructing the Lakeview Drive in Chicago, Illinois, prior to entry into a project cooperation agreement with the Secretary.

SEC. 317. SPRINGFIELD, ILLINOIS.

Section 417 of the Water Resources Development Act of 1994 (108 Stat. 3743) is amended—

(1) by inserting "(a) IN GENERAL.—" before "The Secretary;" and

(2) by adding at the end following:

"(c) MITIGATION OF DAMAGES.—After completion of the study, the Secretary shall mitigate any damage to the shoreline protection project that is found to result from Federal navigation project. The costs of the mitigation shall be allocated to the Federal navigation project as operation and maintenance."

SEC. 318. LITTLE CALUMET RIVER, INDIANA.

The project for flood control, Little Calumet River, Indiana, authorized by section 401(a) of the Water Resources Development Act of 1966 (80 Stat. 4112) and section 101(a)(17) of the Water Resources Development Act of 1986 (100 Stat. 4128), and section 101(a)(17) of the Water Resources Development Act of 1996 (110 Stat. 3665), is modified—

(1) to provide that any liability under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9601 et seq.) from the construction of the project is the Federal Government's responsibility; and

(2) to authorize the Secretary to carry out operation and maintenance of that portion of the project included in the report of the Chief of Engineers, dated May 1, 1993, referred to as "Algies Channel", if the non-Federal sponsor reimburses the Secretary for the amount of such operation and maintenance included in the report.

(b) COMBINATION OF PROJECTS.—The Secretary shall carry out work authorized as part of the Westscoop to Harvey Canal project, the Lake Pontchartrain Channel, and the Cataouatche modifications as a single project, to be known as the West Bank and vicinity, New Orleans, Louisiana, hurricane protection project, with a combined total cost of $300,000,000.

SEC. 321. WHITE RIVER, INDIANA.

The project for flood control, Indianapolis on West Bank of the White River, Indiana, authorized by section 5 of the Act entitled "An Act authorizing the construction of certain public works for the purpose of irrigation and reclamation of lands of the United States near the river known as the White River, and for other purposes", approved June 22, 1936 (49 Stat. 822), is modified—

(a) IN GENERAL.—The project for navigation, Miami Harbor Channel, Florida, authorized by section 101(a)(9) of the Water Resources Development Act of 1990 (104 Stat. 4060), is modified to include construction of artificial reefs and related environmental mitigation required by Federal, State, and local environmental permitting agencies for the project.

(b) COMBINATION OF PROJECTS.—The Secretary shall carry out work authorized as part of the Westscoop to Harvey Canal project, the Lake Pontchartrain Channel, and the Cataouatche modifications as a single project, to be known as the West Bank and vicinity, New Orleans, Louisiana, hurricane protection project, with a combined total cost of $300,000,000.

SEC. 322. LAKE PONTCHARTRAIN, LOUISIANA.

The project for hurricane-flood protection, Lake Pontchartrain, Louisiana, authorized by section 204 of the Flood Control Act of 1965 (79 Stat. 1077), is modified—

(1) to direct the Secretary to conduct a study to determine whether to construct a pump adjacent to each of the 4 proposed drainage structures for the Saint Charles Parish feature of the project; and

(2) to authorize the Secretary to construct such pumps upon completion of the study.

SEC. 323. LAROSE TO GOLDEN MEADOW, LOUISIANA.

The project for hurricane protection Larose to Golden Meadow, Louisiana, authorized by section 204 of the Flood Control Act of 1965 (79 Stat. 1077), is modified to direct the Secretary to determine whether to take into the navigable lock if the Secretary determines that the conversion is feasible.
SEC. 330. TUNICA LAKE, MISSISSIPPI.

The project for flood control, Mississippi River Channel Improvement Project, Tunica Lake, Mississippi, authorized by the act entitled "An Act for the control of floods on the Mississippi River and its tributaries, and for other purposes", approved May 15, 1928 (45 Stat. 534–538), is modified to authorize the Secretary to conduct the project substantially in accordance with the report of the Corps of Engineers, dated August 2, 1994, in constructing the project if the Secretary determines that such costs are for work that the Secretary determines is compatible with and integral to the project.

SEC. 331. BOIS BRULE DRAINAGE AND LEVEE DISTRICT, MISSOURI.

(a) MAXIMUM FEDERAL EXPENDITURE.—The maximum amount of Federal funds that may be allocated for the project for flood control, Bois Brule Drainage and Levee District, Missouri, authorized pursuant to section 265 of the Flood Control Act of 1948 (33 U.S.C. 701s), shall be $15,000,000.

(b) REVISION OF THE PROJECT COOPERATION AGREEMENT.—The Secretary shall revise the project cooperation agreement for the project referred to in subsection (a) to take into account the change in Federal participation in the project pursuant to subsection (a).

(c) COST SHARING.—Nothing in this section shall be construed to affect any cost-sharing requirement applicable to the project referred to in subsection (a) under title 1 of the Water Resources Development Act of 1986 (33 U.S.C. 2211 et seq.).

SEC. 332. MERAMEC RIVER BASIN, VALLEY PARK LEVEE, MISSOURI.

The project for flood control, Meramec River Basin, Valley Park Levee, Missouri, authorized by section 2(h) of an Act entitled "An Act to authorize the Secretary to transfer, in each of fiscal years 1999 and 2000, $50,000 to the Aylesworth Creek Reservoir Project, Missouri, Iowa, and Nebraska, authorized by section 203 of the Flood Control Act of 1958 (72 Stat. 309) and modified by section 338 of the Water Resources Development Act of 1992 (106 Stat. 4808), and 2000, $50,000 to the Aylesworth Creek Reservoir Project, Missouri, Iowa, and Nebraska, authorized by section 203 of the Flood Control Act of 1958 (72 Stat. 309) and modified by section 338 of the Water Resources Development Act of 1992 (106 Stat. 4808), and section 338 of the Water Resources Development Act of 1996 (110 Stat. 3726), is further modified to require the Secretary to make such adjustments to the top of the conservation pool at the project as follows (if the Secretary determines that the adjustments will be undertaken at no cost to the United States): (1) to adequately protect impounded water and related resources:

(1) Maintain an elevation of 599.5 from November 1 through March 31.

(2) Increase elevation gradually from 599.5 to 602.5 during April and May.

(3) Maintain an elevation of 602.5 from June 1 to September 30.

(4) Decrease elevation gradually from 602.5 to 599.5 during October.

SEC. 344. WILAMETTE RIVER TEMPERATURE CONTROL, MCKENZIE SUBBASIN, OREGON.

(a) IN GENERAL.—The project for environmental conservation, Willamette River Temperature Control, McKenzie Subbasin, Oregon, authorized by section 101(a)(25) of the Water Resources Development Act of 1992 (110 Stat. 3653), is further modified to authorize the Secretary to construct the project substantially in accordance with the Feature Memorandum dated July 31, 1998, at a total cost of $64,741,000.

(b) REPORT.—Not later than 90 days after the date of the enactment of this Act, the Secretary shall report to Congress on the reasons for the cost growth of the Willamette River project and outline the steps the Corps of Engineers is taking to control project costs, including the application of value engineering and other appropriate measures. In the report, the Secretary shall also include a cost estimate, and recommendations on the advisability of, adding fish screens to the project.

SEC. 345. AYLESWORTH CREEK RESERVOIR, PENNSYLVANIA.

The project for flood control, Aylesworth Creek Reservoir, Pennsylvania, authorized by section 203 of the Flood Control Act of 1962 (76 Stat. 600) and modified by the River and Harbor Act of 1962, the Water Resources Development Act of 1964, and the Water Resources Development Act of 1966, is further modified to authorize the Secretary to transfer, in each of fiscal years 1999 and 2000, $50,000 to the Aylesworth Creek Reservoir Park Authority for recreational facilities.

SEC. 346. CURWENSVILLE, PENNSYLVANIA.

Section 562 of the Water Resources Development Act of 1996 (110 Stat. 3784) is amended by adding at the end the following: "The Secretary..."
shall provide design and construction assistance for recreational facilities at Curvesville Lake and, when appropriate, may require the non-Federal interest to provide not more than 25 percent of the cost of designing and constructing such facilities. The Secretary may transfer, for each of fiscal years 1999 through 2003, $100,000 to the Clearfield County Municipal Services and Recreation Authority for recreational facilities.

SEC. 347. DELAWARE RIVER, PENNSYLVANIA AND DELAWARE.

The project for navigation, Delaware River, Philadelphia to Wilmington, Pennsylvania and Delaware, authorized by section 303(12) of the Water Resources Development Act of 1988 (102 Stat. 4014), is modified to authorize the Secretary to extend the channel of the Delaware River at Camden, New Jersey, to within 150 feet of the existing bulkhead and to relocate the 40-foot deep Federal navigation channel, eastward within Philadelphia Harbor, from the Ben Franklin Bridge to the Walt Whitman Bridge, into deep water.

SEC. 348. MUSSERS DAM, PENNSYLVANIA.

Section 209 of the Water Resources Development Act of 1989 (103 Stat. 430) is amended by striking subsection (e) and redesignating subsection (f) as subsection (e).

SEC. 349. NINE-MILE RUN, ALLEGHENY COUNTY, PENNSYLVANIA.

(a) R ECREATION PARTNERSHIP INITIATIVE.—Section 519(b) of the Water Resources Development Act of 1992 (106 Stat. 4846) is amended by striking subsection (e) and redesignating subsection (f) as subsection (e).

(1) IN GENERAL.—Consistent with the master plan described in section 318 of the Water Resources Development Act of 1992 (106 Stat. 4848), the Secretary may provide a grant to Juniata College for the construction of facilities and interpret and understand environmental conditions under which payment will be made and the rights of, and remedies available to, the Federal Government to recover all or a portion of such payment if the event the Secretary determines such costs are for work that is compatible with and integral to the project.

(2) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated $5,000,000 for fiscal years beginning after September 30, 1998, to carry out this subsection.

SEC. 351. SOUTH CENTRAL PENNSYLVANIA.

(a) AUTHORIZATION OF APPROPRIATIONS.—Section 313(g) of the Water Resources Development Act of 1992 (106 Stat. 4846) is amended by striking $80,000,000 and inserting $180,000,000.

(b) CORPS OF ENGINEERS EXPENSES.—Section 313(g) of such Act (106 Stat. 4846) is amended by adding at the end the following:

“(4) CORPS OF ENGINEERS EXPENSES.—10 percent of the authorization of appropriations to carry out this section for each of fiscal years 2000 through 2002 may be used by the Corps of Engineers district offices to administer and implement projects under this section at 100 percent Federal expense.”.

SEC. 352. COOPER RIVER, CHARLESTON HARBOR, SOUTH CAROLINA.

The project for reversion, Cooper River, Charleston Harbor, South Carolina, authorized by section 101 of the River and Harbor Act of 1968 (82 Stat. 731) and modified by title I of the Energy and Water Development Appropriations Act, 1992 (106 Stat. 516), is further modified to authorize the Secretary to pay to the State of South Carolina not more than $3,750,000 if the Secretary and the State enter into a binding agreement for the State to perform all future operation of, including associated studies to assess the efficacy of, the St. Stephen, South Carolina, fish lift. The agreement must specify the terms and conditions under which payment will be made and the rights of, and remedies available to, the Federal Government to recover all or a portion of such payment if the event the Secretary suspends or terminates operation of the fish lift or fails to operate the fish lift in a manner satisfactory to the Secretary. Maintenance of the fish lift shall remain with the Secretary.

SEC. 353. BOWIE COUNTY LEVEE, TEXAS.

The project for flood control, Red River Below Denison Dam, Texas and Oklahoma, authorized by section 101 of the Flood Control Act by section 564 of the Water Resources Development Act of 1946 (106 Stat. 647), is modified to direct the Secretary to implement the Bowie County Levee feature of the project in accordance with the plan defined as Alternative B in the development document entitled “Bowie County Local Flood Protection, Red River, Texas Project Design Memorandum No. 1, Bowie County Levee”, dated April 1997. In evaluating and implementing this modification, the Secretary shall allow the non-Federal interest to participate in the financing of the project in accordance with section 903(c) of the Water Resources Development Act of 1986 (106 Stat. 4144) to the extent that the Secretary’s evaluation indicates that applying such section is necessary to implement the project.

SEC. 354. CLEAR CREEK, TEXAS.

Section 575 of the Water Resources Development Act of 1996 (110 Stat. 3789) is amended—

(1) in subsection (a), by striking “or nonstructural (buyout) actions” after “flood control works constructed”; and

(2) by inserting “or nonstructural (buyout) actions” after “construction of the project”.

SEC. 355. CYPRESS CREEK, TEXAS.

(a) IN GENERAL.—The project for flood control, Cypress Creek, Texas, authorized by section 3(a)(13) of the Water Resources Development Act of 1988 (102 Stat. 3014), is modified to authorize the Secretary to carry out a nonstructural flood control project at a total cost of $5,000,000.

(b) REIMBURSEMENT FOR WORK.—The Secretary may reimburse the non-Federal interest; and

SEC. 356. DALLAS FLOODWAY EXTENSION, DALLAS, TEXAS.

The project for flood control, Dallas Floodway Extension, Dallas, Texas, authorized by section 301 of the River and Harbor Act of 1965 (79 Stat. 924) and modified by section 102(ff) of the Water Resources Development Act of 1996 (110 Stat. 3724), is further modified to add environmental restoration and recreation as project purposes.

SEC. 357. UPPER JORDAN RIVER, UTAH.

The project for flood control, Upper Jordan River, Utah, authorized by section 101(a)(23) of the Water Resources Development Act of 1990 (104 Stat. 4610) and modified by title I of the Energy and Water Development Appropriations Act, 1996 (110 Stat. 3724), is further modified to authorize the Secretary to implement the plan for restoration and enhancement of the Upper Jordan River, Utah—Supplemental Information and identified in the document Salt Lake County, Utah, dated July 30, 1998, at a total cost of $12,870,000, in accordance with Federal, estimated Federal cost and an estimated non-Federal cost of $4,290,000.

SEC. 358. ELIZABETH RIVER, CHESAPEAKE, VIRGINIA.

Notewithstanding any other provision of law, after September 30, 1999, the City of Chesapeake, Virginia, shall not be obligated to make the annual cash contribution required under paragraph (3)(9) of the Water Resources Development Act, 1992 (110 Stat. 3724), for participating in the financing of the project.

SEC. 359. BLUESTONE LAKE, OHIO RIVER BASIN, WEST VIRGINIA.

The project for flood control, Bluestone Lake, Ohio River Basin, West Virginia, is modified to authorize the Secretary to carry out flood control, Bluestone Lake, Ohio River Basin, West Virginia, pursuant to, the Federal Government to recover all or a portion of such payment if the event the Secretary suspends or terminates operation of, including associated studies to assess the efficacy of, the Bluestone Lake, Ohio River Basin, West Virginia, fish lift. The agreement must specify the terms and conditions under which payment will be made and the rights of, and remedies available to, the Federal Government to recover all or a portion of such payment if the event the Secretary suspends or terminates operation of the fish lift or fails to operate the fish lift in a manner satisfactory to the Secretary. Maintenance of the fish lift shall remain with the Secretary.

SEC. 360. GREENBRIER RIVER, WEST VIRGINIA.

The project for flood control, Greenbrier River, West Virginia, is modified by striking $12,000,000 and inserting $7,000,000.

SEC. 361. MOOREFIELD, WEST VIRGINIA.

Effective October 1, 1999, the project for flood control, Moorefield, West Virginia, authorized by section 101(a)(23) of the Water Resources Development Act of 1990 (104 Stat. 4610-4611), is modified to provide that the non-Federal interest shall not be required to pay the unpaid balance, including interest, of the non-Federal share of the cost of the project.

SEC. 362. WEST VIRGINIA AND PENNSYLVANIA FLOOD CONTROL.

The project for flood control, Monongahela, West Branch Susquehanna, and Monongahela, West Branch Ohio, Pennsylvania, and West Virginia, pursuant to, the Federal Government to recover all or a portion of such payment if the event the Secretary suspends or terminates operation of, including associated studies to assess the efficacy of, the Monongahela, West Branch Susquehanna, and Monongahela, West Branch Ohio, Pennsylvania, and West Virginia, fish lift. The agreement must specify the terms and conditions under which payment will be made and the rights of, and remedies available to, the Federal Government to recover all or a portion of such payment if the event the Secretary suspends or terminates operation of the fish lift or fails to operate the fish lift in a manner satisfactory to the Secretary. Maintenance of the fish lift shall remain with the Secretary.
SEC. 364. PROJECT DEAUTHORIZATIONS.
(10) FALLMOUTH HARBOR, MASSACHUSETTS.—That portion of the project for navigation, Fallmouth Harbor, Massachusetts, authorized by section 101 of the River and Harbor Act of 1948 lying southeasterly of a line commencing at a point on the westerly limit of the project to a point on the northerly limit of the project to the point of origin.

(11) PLUM ISLAND HARBOR, MASSACHUSETTS.—That portion of the project for navigation, Plum Island Harbor, Massachusetts, authorized by section 101 of the River and Harbor Act of 1947 lying southeasterly of a line commencing at a point on the westerly limit of the project to a point on the northerly limit of the project to the point of origin.

(12) BEACH HARBOR, RHODE ISLAND.—The project for navigation, Beach Harbor, Rhode Island, authorized by section 101 of the River and Harbor Act of 1947 lying southeasterly of a line commencing at a point on the westerly limit of the project to a point on the northerly limit of the project to the point of origin.

(13) WOODS HARBOR, MAINE.—That portion of the project for navigation, Woods Harbor, Maine, authorized by section 101 of the River and Harbor Act of 1947 lying southeasterly of a line commencing at a point on the westerly limit of the project to a point on the northerly limit of the project to the point of origin.

(14) WELLS HARBOR, MAINE.—That portion of the project for navigation, Wells Harbor, Maine, authorized by section 101 of the River and Harbor Act of 1947 lying southeasterly of a line commencing at a point on the westerly limit of the project to a point on the northerly limit of the project to the point of origin.
32 degrees 25 minutes 29.01 seconds east 169.76 feet to a point N158,469.17, E590,216.44, thence running north 10 degrees 22 minutes 47.7 seconds east 25 feet to a point N158,447.70, E589,890.97.

(2) SOUTH HARBOR, MASSACHUSETTS.—That portion of the project for navigation, Green Harbor, Massachusetts, undertaken pursuant to section 107 of the River and Harbor Act of 1969 (33 U.S.C. 577), consisting of the 6-foot deep channel beginning at a point along the west limit of the existing project, North 395990.43, East 831079.16, thence running northwesterly about 198.49 feet along the west limit of the existing project to the point of beginning.

(3) NEW BEDFORD AND FAIRHAVEN HARBOR, MASSACHUSETTS.—The following portions of the project for navigation, New Bedford and Fairhaven Harbor, Massachusetts:

(A) A part of the south spur channel leading to the west of Fish Island, authorized by the River and Harbor Act of 3 March 1969, beginning at a point with coordinates N232,173.77, E758,793.01, thence running south 27 degrees 36 minutes 52.8 seconds west 38.2 feet to a point N232,139.91, E758,773.61, thence running south 87 degrees 35 minutes 31.5 seconds west 196.84 feet to a point N232,869.42, E758,579.35, thence running north 47 degrees 47 minutes 48.4 seconds west 502.72 feet to a point N232,469.35, E758,204.34, thence running north 10 degrees 10 minutes 29.3 seconds west 438.88 feet to a point N232,901.33, E758,127.03, thence running north 79 degrees 49 minutes 43.1 seconds east 121.59 feet to a point N232,922.82, E758,246.81, thence running south 29 degrees 36 minutes 52.2 seconds east 52.52 feet to a point N232,870.46, E758,250.92, thence running south 23 degrees 56 minutes 11.2 seconds east 49.15 feet to a point N232,822.64, thence running north 79 degrees 49 minutes 27.0 seconds west 88.19 feet to a point N232,809.96, E758,184.06, thence running south 10 degrees 10 minutes 25.7 seconds east 311.43 feet to a point N232,500.08, E758,239.67, thence running south 36 degrees 53 minutes 56.1 seconds east 583.07 feet to a point N232,178.82, E758,736.23, thence running south 85 degrees 33 minutes 16.0 seconds east to the point of origin.

(B) A portion of the 30-foot west maneuvering basin, authorized by the River and Harbor Act of 3 July 1970, beginning at a point with coordinates N232,139.91, E758,773.61, thence running north 41 degrees 49 minutes 30.1 seconds east 160.76 feet to a point N232,162.77, E758,932.74, thence running north 85 degrees 33 minutes 16.0 seconds west 141.85 feet to a point N232,173.77, E758,791.32, thence running south 27 degrees 36 minutes 52.8 seconds west to the point of origin.

(4) CROSS CANAL, CALIFORNIA.—The project described in paragraph (3) shall be realigned so as to proceed westerly by an average of 0.94 feet of protection provided by the authorized levee along the east bank of the Sacramento River.

(5) Installing gates to the existing Mayhew Drain culvert and pumps to prevent backup of floodwater on the Folsom Boulevard side of the gates.

(6) Installation of a slurry wall in the north levee of the American River from 300 feet west of Jacob Lane north for a distance of approximately 1.2 miles.

(7) The project for flood control, Martin, Kentucky, authorized by this section shall be subject to the same cost sharing in effect for the project for flood damage reduction, American and Sacramento Rivers, California, authorized by section 101(a)(1) of the Water Resources Development Act of 1996 (110 Stat. 3662) is modified to authorize the Secretary to include the following improvements as part of the overall project to provide for the left bank of the non-Federal levee upstream of the Mayhew Drain for a distance of 4,500 feet by an average of 2.5 feet.

(8) Modifying the south levee of the Natomas Cross Canal for a distance of 5 miles to ensure that the height of the levee is equivalent to the height of the south levee as authorized by paragraph (3).

(9) Installing gates to the existing Mayhew Drain culvert and pumps to prevent backup of floodwater on the Folsom Boulevard side of the gates.

(10) Installation of a slurry wall in the north levee of the American River from 300 feet west of Jacob Lane north for a distance of approximately 1 mile to the end of the existing levee.

(11) The project for flood control, Martin, Kentucky, authorized by section 292(a) of the Energy and Water Development Appropriations Act, 1981 (94 Stat. 1339) is modified to authorize the Secretary to take all necessary measures to prevent future losses that would occur from a 100-year flood in magnitude to a 100-year frequency event.

(12) SOUTHERN WEST VIRGINIA PILOT PROJECT.—Section 340(g) of the Water Resources Development Act of 1992 (106 Stat. 4856) is amended to read as follows:—
“(g) AUTHORIZATION OF APPROPRIATIONS.—There is authorized $40,000,000 for the pilot program under this section for fiscal years beginning after September 30, 1992. Such sums shall remain available until expended.’’.

SEC. 386. BLACK WARRIOR AND TOMBIGBEE RIVERS, JACKSON, ALABAMA.

The project for navigation, Black Warrior and Tombigbee Rivers, vicinity of Jackson, Alabama, as authorized by section 106 of the Energy and Water Development Appropriations Act, 1987 (100 Stat. 3341–199), is modified to authorize the Secretary to acquire lands for mitigation of that habitat losses attributable to the project, including the navigation channel, dredged material disposal areas, and other areas directly impacted by construction of the project. Notwithstanding section 906 of the Water Resources Development Act of 1986 (33 U.S.C. 2283), the Secretary may construct the project prior to acquisition of the mitigation lands if the Secretary takes such actions as may be necessary to ensure that any required mitigation lands will be acquired not later than 2 years after initiation of construction of the channel and such construction will fully mitigate any adverse environmental impacts resulting from the project.

SEC. 389. TROPICANA WAS AND FLAMINGO WASH, NEVADA.

Any Federal costs associated with the Tropicana and Flamingo Washes, Nevada, authorized by section 101(11) of the Water Resources Development Act of 1992 (106 Stat. 4865–4869) and modified by section 301(b)(9) of the Water Resources Development Act of 1996 (110 Stat. 3709–3710), is further modified to authorize the Secretary to include the costs of highway relocations as a project construction feature if the Secretary determines that such treatment of costs is necessary to facilitate construction of the project.

SEC. 370. COMITE RIVER, LOUISIANA.

The Comite River Diversion Project for flood control purposes as part of the project for flood control, Amite River and Tributaries, Louisiana, by section 101(11) of the Water Resources Development Act of 1992 (106 Stat. 4865–4869) and modified by section 301(b)(9) of the Water Resources Development Act of 1996 (110 Stat. 3709–3710), is further modified to authorize the Secretary to include the costs of highway relocations as a project construction feature if the Secretary determines that such treatment of costs is necessary to facilitate construction of the project.

SEC. 371. MARQUETTE, MICHIGAN.

The project for navigation, St. Mary’s River, Michigan, is modified to direct the Secretary to provide an additional foot of roadway between Point Louise Turn and the Locks and Sault Saint Marie, Michigan, consistent with the channels upstream of Point Louise Turn. The modification shall be carried out as operation and maintenance to improve navigation safety.

SEC. 372. CITY OF CHARLOUX, REIMBURSEMENT, MICHIGAN.

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

TITL E IV—STUDIES

SEC. 401. UPPER MISSISSIPPI AND ILLINOIS RIVERS LEVEES AND STREAMBANKS RESTORATION COMPREHENSIVE PLAN.

The Secretary shall conduct a study of erosion damage to levees and infrastructure on the upper Mississippi and Illinois Rivers and the impact of increased sediment and pleasure craft traffic on deterioration of levees and other flood control structures on such rivers.

SEC. 402. UPPER MISSISSIPPI RIVER COMPREHENSIVE STUDY AND PLAN.

(a) DEVELOPMENT.—The Secretary shall develop a plan to address water and related land resources problems and opportunities in the Upper Mississippi River Basin, extending from Cairo, Illinois, to the headwaters of the Mississippi River, in the interest of system flood damage reduction by means of a system of flood damage reduction and nonstructural flood control and floodplain management strategies, continued maintenance of the navigation project, management of bank channeling and erosion, watershed management, habitat management, recreation needs, and other related purposes.

(b) CONTENTS.—The plan shall contain recommendations for Federal action where appropriate and recommendations for follow-on studies for problem areas for which data or current technology does not allow immediate solutions.

(c) CONSULTATION AND USE OF EXISTING DATA.—The Secretary shall consult with appropriate State and Federal agencies and shall make maximum use of existing data and ongoing programs and efforts of States and Federal agencies in developing the plan.

(d) COST SHARING.—Development of the plan under this section shall be at Federal expense. Feasibility studies resulting from development of such plans shall be subject to cost sharing under section 165 of the Water Resources Development Act of 1986 (33 U.S.C. 2215).

(e) REPORT.—The Secretary shall submit a report that includes the comprehensive plan to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate not later than 3 years after the date of the enactment of this Act.

SEC. 403. EL DORADO, UNION COUNTY, ARKANSAS.

The Secretary shall conduct a study to determine the feasibility of improvements to regional water supplies for El Dorado, Union County, Arkansas.

SEC. 404. SWEETWATER RESERVOIR, SAN DIEGO COUNTY, CALIFORNIA.

The Secretary shall conduct a study of the potential for abatement measures in the watershed in and around Sweetwater Reservoir, San Diego County, California.

SEC. 405. WHITEWATER RIVER BASIN, CALIFORNIA.

The Secretary shall undertake and complete a feasibility study for flood damage reduction in the White Water River basin, California, and, based upon the results of such study, give priority consideration to including the recommended project, including the Salton Sea flood mitigation and public works project, in the flood mitigation and riverine restoration pilot program authorized in section 214 of this Act.

SEC. 406. LITTLE ECONOLACHTACHEE RIVER BASIN, ILLINOIS AND WISCONSIN.

The Secretary shall conduct a study of pollution abatement measures in the Little Econolachatee River basin, Florida.

SEC. 407. PORT EVERGLADES INLET, FLORIDA.

The Secretary shall conduct a study to determine the feasibility of carrying out a sand bypass project at Port Everglades Inlet, Florida.

SEC. 408. UPPER DES PLAINES RIVER AND TRIBU.

(a) IN GENERAL.—The Secretary is directed to conduct a study of the upper Des Plaines River and tributaries, Illinois and Wisconsin, upstream of the confluence with the Upper Des Plaines River at Riverside, Illinois, to determine the feasibility of improvements in the interests of flood damage reduction, environmental restoration and protection, water quality, recreation, and related purposes.

(b) SPECIAL RULE.—In conducting the study, the Secretary may not exclude from consideration and evaluation flood damage reduction measures based on restrictive policies regarding the frequency of flooding, drainage area, and amount of runoff.

SEC. 409. CAMERON PARISH WEST OF CALCASIEU RIVER, LOUISIANA.

The Secretary shall conduct a study to determine the feasibility of carrying out a project for storm damage reduction and environmental restoration, Cameron Parish west of Calcasieu Lake.

SEC. 410. GRAND ISLE AND VICINITY, LOUISIANA.

In carrying out a study of the storm damage reduction benefits to Grand Isle and vicinity, Louisiana, the Secretary shall include benefits that a storm damage reduction project for Grand Isle and vicinity, Louisiana, may have on the mainland coast of Louisiana as project benefits attributable to the Grand Isle project.

SEC. 411. LAKE PONCHETRCHAIN SEAWALL, LOUISIANA.

(a) IN GENERAL.—The Secretary shall complete a post-authorization change report on the project for hurricane-flood protection, Lake Ponchartrain, Louisiana, and vicinity, authorized by section 204 of the Flood Control Act of 1965 (79 Stat. 1072), to incorporate and accomplish structural modifications such as seawall fronting protection along the south shore of Lake Ponchartrain from the New Basin Canal on the west to the Inner harbor Navigation Canal on the east.

(b) REPORT.—The Secretary shall ensure expeditious completion of the post-authorization change report required by subsection (a) not later than 180 days after the date of the enactment of this section.

SEC. 412. WESTPORT, MASSACHUSETTS.

The Secretary shall conduct a study to determine the feasibility of carrying out a flood protection project for the town of Westport, Massachusetts, and the possible beneficial uses of dredged material for shoreline protection and storm damage reduction in the areas of benefits of the project. The Secretary shall include the benefits derived from using dredged material for shoreline protection and storm damage reduction.

SEC. 413. SOUTHWEST VALLEY, ALBUQUERQUE, NEW MEXICO.

The Secretary shall conduct and complete a feasibility study for flood damage reduction in the Southwest Valley, Albuquerque, New Mexico, and, based upon the results of such study, give priority consideration to including the recommended project, in the flood mitigation and riverine restoration pilot program authorized in section 214 of this Act.

SEC. 414. CAYUGA CREEK, NEW YORK.

The Secretary shall conduct a study to determine the feasibility of carrying out a project for flood control for Cayuga Creek, New York.

SEC. 415. ARCOLA CREEK WATERSHED MADISON, OHIO.

The Secretary shall conduct a study to determine the feasibility of a project to provide environmental restoration and protection for the Arcola Creek Watershed, Madison, Ohio.

SEC. 416. WESTERN LAKE ERIE BASIN, OHIO, INDIA, AND MICHIGAN.

(a) IN GENERAL.—The Secretary shall conduct a study to develop measures to improve flood
control, navigation, water quality, recreation, and fish and wildlife in a comprehensive manner in the western Lakes Erie basin, Ohio, Indiana, and Michigan, including watersheds of the Maumee, Ottawa, and Portage Rivers.

(b) Report.—Not later than 4 years after the date of the enactment of this Act, the Secretary shall submit to Congress a report on the results of the study, including findings and recommendations.

(c) Authorization of Appropriations.—There is authorized to be appropriated to carry out this section $1,000,000 for fiscal years 2000 through 2003.

SEC. 456. NUTRIENT LOADING RESULTING FROM DREDGED MATERIAL DISPOSAL.

(a) Study.—The Secretary shall conduct a study to determine the feasibility of carrying out a project for flood control for Schuykill River, Norristown, Pennsylvania, including improvement to existing stormwater collection systems.

(b) Report.—Not later than 1 year after the date of the enactment of this Act, the Secretary shall submit to Congress a report on the results of the study, including findings and recommendations.

SEC. 457. SANTÉE DELTA FOCUS AREA, SOUTH CAROLINA.

The Secretary shall conduct a study to determine the feasibility of carrying out a project for flood control for Schuykill River, Norristown, Pennsylvania, including improvement to existing stormwater collection systems.

SEC. 458. LAKES MARION AND MOULTON, SOUTH CAROLINA.

The Secretary shall conduct a study to determine the feasibility of carrying out a project for flood control for the Lake Marion and Moultrie, South Carolina, including improvement to existing stormwater collection systems.

SEC. 459. DAY COUNTY, SOUTH DAKOTA.

The Secretary shall conduct an investigation of flooding and other water resources problems between the James River and Big Sioux watersheds in South Dakota and an assessment of flood damage reduction needs of the area.

SEC. 460. CORPUS CHRISTI, TEXAS.

The Secretary shall include, as part of the study of the feasibility of carrying out a project for flood control in Corpus Christi, Texas, a review of the feasibility of improving the navigation of the Calaveras River through the Port of Corpus Christi, Texas.

SEC. 461. MITCHELL’S CUT CHANNEL (CANEY FORK CUT), TEXAS.

The Secretary shall conduct a study to determine the feasibility of carrying out a project for navigation, Mitchell’s Cut Channel (Caney Fork Cut), Texas.

SEC. 462. MOUTH OF COLORADO RIVER, TEXAS.

The Secretary shall conduct a study to determine the feasibility of carrying out a project for navigation at the mouth of the Colorado River, Texas, to provide a minimum draft navigation channel through the Colorado River through Parkers Cut (also known as “Tiger Island Cut”), or an acceptable alternative, to Matagorda Bay.

SEC. 463. KANAWHA RIVER, FAYETTE COUNTY, WEST VIRGINIA.

The Secretary shall conduct a study to determine the feasibility of developing a public port along the Kanawha River in Fayette County, West Virginia, at a site known as “Longacre”.

SEC. 464. WEST VIRGINIA PORTS.

The Secretary shall conduct a study to determine the feasibility of expanding public port development in West Virginia along the Ohio River and navigable portion of the Kanawha River from its mouth to river mile 91.0

SEC. 465. GREAT LAKES REGION COMPREHENSIVE STUDY

(a) Study.—The Secretary shall conduct a comprehensive study of the Great Lakes region to ensure the future use, management, and protection of water and related resources of the Great Lakes basin.

(b) Report.—Not later than 1 year after the date of the enactment of this Act, the Secretary shall submit to Congress, the Committees on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate a report that includes a strategy plan for Corps of Engineers programs in the Great Lakes basin and details of proposed Corps of Engineers environmental, navigation, and flood damage reduction projects in the region.

(c) Authorization of Appropriations.—There is authorized to be appropriated to carry out this section $1,000,000 for fiscal years 2000 through 2003.

SEC. 466. NUTRIENT LOADING RESULTING FROM DREDGED MATERIAL DISPOSAL.

(a) Study.—The Secretary shall conduct a study of nutrient loading that occurs as a result of discharges of dredged material into open-water sites in the Chesapeake Bay.

(b) Report.—Not later than 18 months after the date of the enactment of this Act, the Secretary shall transmit to Congress a report on the results of the study.

SEC. 467. SANTÉE DELTA FOCUS AREA, SOUTH CAROLINA.

The Secretary shall conduct a study of the Santee Delta focus area, South Carolina, to determine the feasibility of carrying out a project for enhancing values and public recreational opportunities in the area.

SEC. 468. DEL NORTE COUNTY, CALIFORNIA.

The Secretary shall undertake and complete a feasibility study for designing a permanent disposal site for dredged materials from Federal navigation projects in Del Norte County, California.

SEC. 469. CLAIR RIVER AND LAKE ST. CLAIR, MICHIGAN.

(a) Plan.—The Secretary, in coordination with State and local governments and appropriate Federal and provincial authorities of Canada, shall develop a comprehensive management plan for St. Clair River and Lake St. Clair. Such plan shall include the following elements:

(1) The causes and sources of environmental degradation.

(2) Continuous monitoring of organic, biological, metallic, and chemical contamination levels.

(3) Timely dissemination of information of such contamination levels to public authorities, other interested parties, and the public.

(b) Report.—Not later than 1 year after the date of the enactment of this Act, the Secretary shall transmit to Congress a report that includes the plan developed under subsection (a), together with recommendations of potential restoration measures.

(c) Authorization of Appropriations.—There is authorized to be appropriated to carry out this section $30,000,000.

SEC. 470. CUMBERLAND COUNTY, TENNESSEE.

The Secretary shall conduct a study to determine the feasibility of improvements to regional water supplies for Cumberland County, Tennessee.

TITLE V—MISCELLANEOUS PROVISIONS

SEC. 501. CORPS ASSUMPTION OF NRCS PROJECTS.

(a) LLAGAS CREEK, CALIFORNIA.—The Secretary is authorized to complete the remaining reaches of the Natural Resources Conservation Service’s 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 Natural Resources Conservation Service watershed protection plan for the Llagas Creek drainage basin, except that the costs of flood control, erosion control, and environmental improvements shall be paid for from the Secretary’s funds.

(b) Thornton Reservoir, Cook County, Illinois.

(1) General.—The Thornton Reservoir project, an element of the project for flood control at Chicagoland Underflow Plan, Illinois, authorized by section 3(a)(5) of the Water Resources Development Act of 1984 (108 Stat. 2013), is modified to authorize the Secretary to include additional permanent flood control storage attributable to the Thornton Reservoir project.

(2) Cost Sharing.—Costs for the Thornton Reservoir project shall be shared in accordance with section 103 of the Water Resources Development Act of 1978 (12 U.S.C. 1483 et seq.)

(3) Transitional Storage.—The Secretary of Agriculture may cooperate with non-Federal interests to provide, on a transitional basis, flood control storage for the Natural Resources Conservation Service Thornton Reservoir (Structure 84) in the west lobe of the Thornton quarry in advance of Corps construction.

(c) CREDITING.—The Secretary may credit against the non-Federal share of the Thornton Reservoir project all design, lands, easements, rights-of-way (as of the date of authorization), and construction costs incurred by the non-Federal interests before the signing of the project cooperation agreement.

(b) Reevaluation Report.—The Secretary shall determine the credits authorized by paragraph (4) that are integral to the Thornton Reservoir project and the current total project costs based on a limited reevaluation report.

SEC. 502. CONSTRUCTION ASSISTANCE.

Section 219(e) of the Water Resources Development Act of 1992 (106 Stat. 4836–4837) is amended by striking paragraphs (5) and (6) and inserting the following:

“(5) $25,000,000 for the project described in subsection (c)(2);

“(6) $20,000,000 for the project described in subsection (c)(9);

“(7) $30,000,000 for the project described in subsection (c)(16);

“(8) $30,000,000 for the project described in subsection (c)(17);

“(9) $20,000,000 for the project described in subsection (c)(19);

“(10) $15,000,000 for the project described in subsection (c)(20);

“(11) $21,000,000 for the project described in subsection (c)(21);

“(12) $2,600,000 for the project described in subsection (c)(22);

“(13) $1,000,000 for the project described in subsection (c)(23);

“(14) $1,500,000 for the project described in subsection (c)(24);

“(15) $2,600,000 for the project described in subsection (c)(25);

“(16) $8,000,000 for the project described in subsection (c)(26);

“(17) $8,000,000 for the project described in subsection (c)(27), of which $3,000,000 shall be available only for providing assistance for the Montourville Regional Sewer Authority, Lycoming County;

“(18) $10,000,000 for the project described in subsection (c)(28); and

“(19) $1,000,000 for the project described in subsection (c)(29).”
of removing contaminated sediments and signifi-
cantly reducing contamination of the water col-
umn. Not later than December 31, 2001, the Sec-
retary shall enter into an agreement with a pub-
lic or private entity to test such technology in the vicin-
ity of the Great Lakes, Illinois.
(b) AUTHORIZATION OF APPROPRIATIONS.—
There is authorized to be appropriated to carry out this section $2,000,000.

SEC. 504. DAM SAFETY.
(a) ASSISTANCE.—The Secretary is authorized to provide assistance to enhance dam safety at the following locations:
(1) Healdsburg Veteran’s Memorial Dam, Cali-
ifornia.
(2) Feliz Dam, Pennsylvania.
(3) Kehly Run Dam, Pennsylvania.
(4) Owl Creek Reservoir, Pennsylvania.
(5) Sweet Arrow Lake Dam, Pennsylvania.
(b) AUTHORIZATION OF APPROPRIATIONS.—
There is authorized to be appropriated $6,000,000 to carry out this section.

SEC. 505. GREAT LAKES REMEDIAL ACTION PLANS.
Section 401(a)(2) of the Water Resources De-
velopment Act of 1985 (33 U.S.C. 626c(a)(2)) is amended by adding at the end the following: “(b) COST SHARING.—Projects carried out under this section may include projects which consist of either structural or nonstructural measures or a combination thereof.

SEC. 506. LOCAL COST SHARING MEASURES IN THE GREAT LAKES.
(a) IN GENERAL.—In conjunction with the Great Lakes Fishery Commission, the Secretary is authorized to undertake a program for the control of sea lampreys in and around waters of the Great Lakes. The program undertaken purs-
uant to this section may include projects which consist of either structural or nonstructural measures or a combination thereof.

SEC. 507. MAINTENANCE OF NAVIGATION CHAN-
NELS.
Section 508(a) of the Water Resources De-
velopment Act of 1996 (110 Stat. 3759) is amended by adding at the end the following:
“(12) Acadia Navigation Channel, Loui-
siana.
“(13) Contraband Bayou, Louisiana, as part of the Calcasieu River and Pass Ship Channel.
“(14) Lake Walaulla Navigation Channel, Wash-
ington.
“(15) Wadley Pass (also known as McGriff Pass), Suwanee River, Florida.”.

SEC. 508. MEASUREMENT OF LAKE MICHIGAN DI-
MENSIONS.
Section 1142(b) of the Water Resources De-
velopment Act of 1986 (42 U.S.C. 1962d–20 note; 100 Stat. 4253) is amended by striking “$250,000” and inserting “$1,250,000”.

SEC. 509. UPPER MISSISSIPPI RIVER ENVIRON-
MENTAL MANAGEMENT PROGRAM.
(a) AUTHORIZED ACTIVITIES.—Section 1103(c)(1) of the Water Resources Development Act of 1992 (106 Stat. 4863) is amended—
(1) by inserting “and” at the end of paragraph (A); and
(2) in subparagraph (B) by striking “long-
term resource monitoring, comet-
puterized data inventory and analysis, and applied research program.”; and

SEC. 510. ATLANTIC COAST OF NEW YORK NATION-
AL DREDGED MATERIAL DISPOSAL.
Section 401(a)(2) of the Water Resources De-
velopment Act of 1996 (110 Stat. 3759) is amended—
(1) by inserting “(2)” and inserting “(3)”;
(2) in subparagraph (B) by striking “and” at the end of paragraph (A); and
(3) by inserting “and” at the end of paragraph (C).

SEC. 511. WATER CONTROL MANAGEMENT.
(a) IN GENERAL.—In evaluating potential im-
provements for water control management ac-
tivities and consolidation of water control man-
agement centers, the Secretary shall consider a re-
organized water control management plan that may not implement such a plan until the date on which a report is transmitted under subsection (b).
(b) REPORT.—Not later than 180 days after the date of the enactment of this Act, the Secretary shall transmit to the Committee on Transpor-
tation and Infrastructure and the Committee on Appropriations of the Senate a report containing the following:
(1) A description of the primary objectives of streamlining water control management activi-
ties;
(2) A description of the benefits provided by streamlining water control management activi-
ties through consolidation of centers for such activities.

SEC. 512. BENEFICIAL USE OF DREDGED MATER-
IAL.
The Secretary is authorized to carry out the following projects under section 204 of the Water Resources Development Act of 1992 (33 U.S.C. 2326):
(1) BODEGA BAY, CALIFORNIA.—A project to make beneficial use of dredged materials from a Federal navigation project in Bodega Bay, Cali-
ifornia.
(2) SABINE REFUGE, LOUISIANA.—A project to make beneficial use of dredged materials from Federal navigation projects in the vicinity of Sabine Refuge, Louisiana.
(3) HANCOCK, HARRISON, AND JACKSON COUN-
ties, MISSISSIPPI.—A project to make beneficial use of dredged material from a Federal naviga-
tion project in Hancock, Harrison, and Jackson Counties, Mississippi.
(4) ROSE CITY MARSH, ORANGE COUNTY, TEXAS.—A project to make beneficial use of dredged material from a Federal navigation project in Rose City Marsh, Orange County, Texas.
(5) BESSEY HEIGHTS MARSH, ORANGE COUNTY, TEXAS.—A project to make beneficial use of dredged material from a Federal navigation project in Bessey Heights Marsh, Orange County, Texas.

SEC. 513. DESIGN AND CONSTRUCTION ASSIST-
ANCE.
Section 507(2) of the Water Resources Develop-
ment Act of 1996 (110 Stat. 3758) is amended to read as follows:
“(2) Expansion and improvement of Long Pine Run Dam and associated water infrastructure in accordance with the requirements of sub-
section (c) through (f) of section 313 of the Water Resources Development Act of 1992 (106 Stat. 4845) at a total cost of $20,000,000.”.

SEC. 514. LOWER MISSOURI RIVER AQUATIC RES-
TORATION PROJECTS.
(a) IN GENERAL.—Not later than 1 year after funds are made available for such purposes, the Secretary shall complete a comprehensive re-
port:
(1) identifying a general implementation strategy and overall plan for environmental restora-
tion and protection along the Lower Missouri River from Gavins Point Dam and the con-
fluence of the Missouri and Mississippi Rivers; and
(2) recommending individual environmental restoration projects that can be considered by the Secretary for implementation under section 206 of the Water Resources Development Act of 1996 (33 U.S.C. 2230; 110 Stat. 3679–3680).

(b)經費支出：任何環境保護項目建議書，經審核後，可由內政部考虑並執行，以保護和恢復魚類和兩棲類在該地區的環境。所提出的保護和恢復魚類和兩棲類的項目，必須以不影響私有財產權和水系為原則。

(3) Restoration and creation of fish and wildlife habitat.

(4) Physical and biological monitoring for evaluating the success of the project.

(c) COST SHARING.—The report under subsection (a) shall be undertaken at full Federal expense.

§ 515. AQUATIC RESOURCES RESTORATION IN THE NORTHWEST.

(a) IN GENERAL.—In cooperation with other Federal agencies, the Secretary is authorized to develop and implement projects for fish screens, fish passage devices, and other similar measures agreed to by non-Federal interests and relevant Federal agencies to mitigate adverse impacts associated with irrigation system water diversions by local governmental entities in the States of Oregon, Washington, Montana, and Idaho.

(b) PROCEDURE AND PARTICIPATION.—

(1) CONSULTATION REQUIREMENT; USE OF EXISTING DATA.—In providing assistance under subsection (a), the Secretary shall consult with other Federal agencies and local agencies and make maximum use of data and studies in existence on the date of the enactment of this Act.

(2) PARTICIPATION BY NON-FEDERAL INTERESTS.—Non-Federal interests under projects under this section shall be voluntary. The Secretary shall not take any action under this Act that will result in a non-Federal interest being financially responsible for an action under a project unless the non-Federal interest has voluntarily agreed to participate in the project.

(c) COST SHARING.—Projects carried out under this section on lands owned by the United States shall be carried out at full Federal expense. The non-Federal share of the cost of any such project undertaken on lands not in Federal ownership shall be 35 percent.

(d) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section $10,000,000 for each of fiscal years beginning after September 30, 1999.

§ 516. INNOVATIVE TECHNOLOGIES FOR WATERSHED RESTORATION.

The Secretary shall use, and encourage the use of, innovative treatment technologies, including membrane technologies, for watershed and environmental restoration and protection projects that may provide significant water quality benefits.

§ 517. ENVIRONMENTAL RESTORATION.

(a) ATLANTA, GEORGIA.—Section 219(c)(2) of the Water Resources Development Act of 1992 (106 Stat. 4835) is amended by inserting before the period at the end thereof the following: “Big Creek and Rock Creek”.

(b) PATERNOS AND PASSAIC VALLEY, NEW JERSEY.—Section 219(c)(2) of such Act (106 Stat. 4836) is amended to read as follows: “(9) PATERNOS, PASSAIC COUNTY, AND PASSAIC VALLEY, NEW JERSEY.—Drainage facilities to alleviate flooding problems at Gettysburg include the vicinity of St. Joseph’s Hospital for the City of Paterson, New Jersey, and Passaic County, New Jersey, and innovative facilities to manage and treat additional flows in the Passaic Valley. Passaic River basin, New Jersey.”

(c) NASHUA, NEW HAMPSHIRE.—Section 219(c) of such Act is amended by adding at the end the following: “(19) NASHUA, NEW HAMPSHIRE.—A sewer and drainage system separation and rehabilitation program for Nashua, New Hampshire.”

(d) FALLEN RIVER AND NEW BEDFORD, MASSACHUSETTS.—Section 219(c) of such Act is further amended by adding at the end the following: “(20) FALL RIVER AND NEW BEDFORD, MASSACHUSETTS.—Elimination or control of combined sewer overflows in the cities of Fall River and New Bedford, Massachusetts.”

(e) ADDITIONAL PROJECT DESCRIPTIONS.—Section 219(c) of such Act is further amended by adding at the end the following:

(2) DESIGN AND CONSTRUCTION.—To the maximum extent practicable, the Secretary shall incorporate projects carried out in accordance with this subsection with other Federal, tribal, and State restoration projects.

(c) COST SHARING.—The report under subsection (a) shall be undertaken at full Federal expense.

§ 517. ENVIRONMENTAL RESTORATION.

(a) IN GENERAL.—In cooperation with other Federal agencies, the Secretary is authorized to develop and implement projects for fish screens, fish passage devices, and other similar measures agreed to by non-Federal interests and relevant Federal agencies to mitigate adverse impacts associated with irrigation system water diversions by local governmental entities in the States of Oregon, Washington, Montana, and Idaho.

(b) PROCEDURE AND PARTICIPATION.—

(1) CONSULTATION REQUIREMENT; USE OF EXISTING DATA.—In providing assistance under subsection (a), the Secretary shall consult with other Federal agencies and local agencies and make maximum use of data and studies in existence on the date of the enactment of this Act.

(2) PARTICIPATION BY NON-FEDERAL INTERESTS.—Non-Federal interests under projects under this section shall be voluntary. The Secretary shall not take any action under this Act that will result in a non-Federal interest being financially responsible for an action under a project unless the non-Federal interest has voluntarily agreed to participate in the project.

(c) COST SHARING.—Projects carried out under this section on lands owned by the United States shall be carried out at full Federal expense. The non-Federal share of the cost of any such project undertaken on lands not in Federal ownership shall be 35 percent.

(d) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section $10,000,000 for each of fiscal years beginning after September 30, 1999.
SEC. 525. BEAVER LAKE TRACT PRODUCTION FACILITY, KANSAS.

(a) EXPEDITED CONSTRUCTION.—The Secretary shall construct, under the authority of section 105 of the Water Resources Development Act of 1976 (43 U.S.C. 505(o)), the Beaver Lake tract hatchery as expeditiously as possible, but in no event later than September 30, 2002.

(b) MITIGATION PLAN.—Not later than 2 years after the date of the enactment of this Act, the Secretary, in conjunction with the State of Arkansas and local agencies in the study area, shall develop a mitigation plan for the mitigation of the effects of the Beaver Dam project on Beaver Lake. Such plan shall provide for construction of the Beaver Lake trout production facility and related facilities.

SEC. 526. CHINO DIARY PRESERVE, CALIFORNIA.

(a) TECHNICAL ASSISTANCE.—The Secretary, in coordination with the heads of other Federal agencies, shall provide technical assistance to State and local agencies in the study, design, and implementation of measures for flood damage reduction and environmental restoration and protection of the Santa Ana River watershed, California, with particular emphasis on structural and nonstructural measures in the vicinity of the Chino Diary Preserve.

(b) STUDY.—The Secretary shall conduct a feasibility study to determine the most cost-effective plan for flood damage reduction and environmental restoration and protection in the vicinity of the Chino Diary Preserve, Santa Ana River watershed, Orange County, and San Bernardino County, California.

SEC. 527. NOVATO, SAN FRANCISCO COUNTY, CALIFORNIA.

The Secretary shall carry out a project for flood control under section 205 of the Flood Control Act of 1948 (33 U.S.C. 701s) at Rush Creek, Novato, California.

SEC. 528. ORANGE AND SAN DIEGO COUNTIES, CALIFORNIA.

The Secretary, in cooperation with local governments, may prepare special area management plans in Orange and San Diego Counties, California, to demonstrate the effectiveness of using such plans to provide information regarding aquifer resources. The Secretary may use such plans in making regulatory decisions and issue permits consistent with such plans.

SEC. 529. LA GRUGA, CALIFORNIA.

(a) TECHNICAL ASSISTANCE.—The Secretary, in coordination with other Federal agencies, shall provide technical assistance to Federal, State, and local agencies in the study, design, and implementation of measures for environmental restoration and protection of the Salton Sea, California.

(b) STUDY.—The Secretary, in coordination with other Federal, State, and local agencies, shall conduct a study to determine the most effective plan for the Corps of Engineers to assist in the environmental restoration and protection of the Salton Sea, California.

SEC. 530. SANTA CRUZ HARBOR, CALIFORNIA.

The Secretary is authorized to modify the cooperative agreement with the Santa Cruz Port District, California, to reflect unanticipated additional dredging effort and to extend such agreement for 10 years.

SEC. 531. POINT BEACH, MILFORD, CONNECTICUT.

(a) PLANNING AND DESIGN EXPEDITED.—The maximum amount of Federal funds that may be expended for the project for hurricane and storm damage reduction, Point Beach, Milford, Connecticut, shall be $100,000,000.

(b) REVISION OF PROJECT COOPERATION AGREEMENT.—The Secretary shall revise the project cooperation agreement for the project referred to in subsection (a) to take into account the change in the Federal participation in such project.

(c) COST SHARING.—Nothing in this section shall be construed to affect any cost-sharing requirement applicable to the project referred to in subsection (a) under section 101 of the Water Resources Development Act of 1986 (31 U.S.C. 2211).

SEC. 532. LOWER ST. JOHNS RIVER BASIN, FLORIDA.

(a) COMPUTER MODEL.—

(1) IN GENERAL.—The Secretary may apply the computer model approved under the St. Johns River basin feasibility study to assist non-Federal interests in developing strategies for improving water quality in the Loner St. Johns River basin.

(2) COST SHARING.—The non-Federal share of the cost of assistance provided under this subsection shall be 50 percent.

(b) TOPOGRAPHIC SURVEY.—The Secretary is authorized to provide 1-foot contour topographic survey maps of the Lower St. Johns River basin, Florida, to non-Federal interests for analyzing environmental data and establishing benchmarks for subbasins.

SEC. 533. SHORELINE PROTECTION AND ENVIRONMENTAL RESTORATION, LAKE ALLATOONA, GEORGIA.

(a) IN GENERAL.—The Secretary, in cooperation with the Administrator of the Environmental Protection Agency, may prepare special area management restoration and environmental infrastructure restoration measures to restore Lake Allatoona and the Etowah River in Georgia.

(b) AUTHORIZATION OF APPROPRIATIONS.—

(1) $10,000,000 for each of fiscal years 1999 and 2000, to carry out subsection (a)(1); and

(2) $250,000 to carry out subsection (a)(2).

SEC. 534. RIVERSIDE, HENRY COUNTY, TENNESSEE.

(a) IN GENERAL.—The Secretary, in cooperation with the University of Iowa, shall conduct a study and develop a Comprehensive Flood Impact Response Modeling System for Coralville Reservoir and the Iowa River watershed, Iowa.

(b) CONTENTS OF STUDY.—The study shall include—

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

(2) development of an integrated, dynamic computer model; and

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

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

SEC. 535. ADDITIONAL CONSTRUCTION ASSISTANCE IN ILLINOIS.

(a) COMPUTER MODEL.—

The Secretary shall carry out the project for Georgetown, Illinois, and the project for Olney, Illinois, referred to in House Report Number 103-274, accompanying the Fiscal Year 1995 Appropriations Act, in a manner consistent with the terms of the memorandum of understanding entitled ‘‘Memo- randum of Understanding Between the State of Illinois and the U.S. Army Concerning the Purchase of Municipal and Industrial Water Supply Storage’’, dated December 11, 1985.

(b) EFFECTIVE DATE.—For the purposes of this section, the effective date of that memorandum of understanding shall be deemed to be the date of enactment of this Act.

SEC. 536. ADDITIONAL CONSTRUCTION ASSISTANCE IN SOUTHERN AND EASTERN KENTUCKY.

(a) WATER STORAGE.—The Secretary shall offer to the State of Kansas the right to purchase water storage in Kanopolis Lake, Kansas, from the non-Federal interest in the reservoir, in a manner consistent with the terms of the memorandum of understanding entitled ‘‘Memo- randum of Understanding Between the State of Kansas and the U.S. Department of the Army Concerning the Purchase of Municipal and Industrial Water Supply Storage’’, dated December 11, 1985.

(b) EFFECTIVE DATE.—For the purposes of this section, the effective date of that memorandum of understanding shall be deemed to be the date of enactment of this Act.

SEC. 537. KANOPOLIS LAKE, KANSAS.

(a) AUTHORIZATION OF APPROPRIATIONS.—

(1) $10,000,000 for each of fiscal years 2000 through 2004.

(b) EFFECTIVE DATE.—For the purposes of this section, the effective date of that memorandum of understanding shall be deemed to be the date of enactment of this Act.

SEC. 538. SOUTHERN AND EASTERN KENTUCKY.

Section 531(h) of the Water Resources Development Act of 1996 (110 Stat. 3774) is amended by striking ‘‘$10,000,000’’ and inserting ‘‘$25,000,000’’.

SEC. 539. SOUTHEAST LOUISIANA.

Section 536(c) of the Water Resources Development Act of 1996 (110 Stat. 3775) is amended by striking ‘‘$10,000,000’’ and inserting ‘‘$200,000,000’’.

SEC. 540. SNUG HARBOR, MARYLAND.

(a) IN GENERAL.—The Secretary, in coordination with the Director of the National Emergency Management Agency, is authorized—

(1) to provide technical assistance to the residents of Snug Harbor, in the vicinity of Berlin, Maryland, for purposes of flood damage reduc- tion;

(2) to conduct a study of a project for non- structural measures for flood damage reduction in the vicinity of Snug Harbor, Maryland, taking into account the relationship of both the Ocean City Inlet and Assateague Island to the flooding; and

(3) after completion of the study, to carry out the project under the authority of section 205 of the Flood Control Act of 1948 (33 U.S.C. 701s).

(b) AUTHORIZATION OF APPROPRIATIONS.—

(1) $100,000,000 for each of fiscal years 1999 and 2000, to carry out subsection (a)(1); and

(2) $200,000,000 for each of fiscal years 1999 and 2000, to carry out subsection (a)(2).

SEC. 541. WELCH POINT, ELK RIVER, CECIL COUNTY, MARYLAND.

(a) IN GENERAL.—The Secretary, in cooperation with the Corps of Engineers, is authorized to carry out a navigation improvement project at Welch Point, on the Elk River near Welch, Maryland, providing waterway navigation and improving water quality in the Elk River near Welch, Maryland, and in a manner consistent with the terms of the memorandum of understanding entitled ‘‘Memo- randum of Understanding Between the State of Maryland and the U.S. Army Concerning the Purchase of Municipal and Industrial Water Supply Storage’’, dated December 11, 1985.

(b) EFFECTIVE DATE.—For the purposes of this section, the effective date of that memorandum of understanding shall be deemed to be the date of enactment of this Act.

SEC. 542.trim velox.

SEC. 543. ADDITIONAL CONSTRUCTION ASSISTANCE IN ILLINOIS.

(a) COMPUTER MODEL.—

The Secretary shall carry out the project for the Illinois Waterway from Delaware River to Chesapeake Bay, Delaware and Maryland, authorized by the Water Resources Development Act of 1996 (110 Stat. 3774) and the Robert T. Stafford Disaster Relief and Emergency Assistance Act, in accordance with the conditions of such Acts.

(b) EFFECTIVE DATE.—For the purposes of this section, the effective date of that memorandum of understanding shall be deemed to be the date of enactment of this Act.

SEC. 544. WELCH POINT, ELK RIVER, CECIL COUN- TY, AND CHESAPEAKE CITY, MARY- LAND.

(a) SLIPPAGE OF DREDGED MATERIALS.—The Secretary shall carry out a study to determine if the slippage of dredged materials that were re- moved as part of the project for waterway navigation in the Elk River near Welch, Maryland, and used during flood and other emergency situations, may be required to permit navigation on the river.
(b) DAMAGE TO WATER SUPPLY.—The Secretary may provide additional compensation to fully compensate the City of Chesapeake, Maryland, for damage to the city’s water supply resulting from dredging of the Chesapeake and Delaware Canal project. If the Secretary determines that additional compensation is required, the Secretary may provide the compensation to the City of Chesapeake.

SEC. 542. WEST VIEW SHORES, CECIL COUNTY, MARYLAND.

Not later than 1 year after the date of the enactment of this Act, the Secretary shall carry out a study to determine if additional compensation is required to fully compensate the City of Chesapeake, Maryland, for damage to the city’s water supply resulting from dredging of the Chesapeake and Delaware Canal project. If the Secretary determines that additional compensation is required, the Secretary may provide the compensation to the City of Chesapeake.

SEC. 543. RESTORATION PROJECTS FOR MARYLAND, PENNSYLVANIA, AND WEST VIRGINIA.

Section 2 of the Water Resources Development Act of 1996 (110 Stat. 3776–3777) is amended—

(1) in subsection (a)(1) by striking “technical”; (2) in subsection (a)(2) by inserting “or in the case of projects located on lands owned by the United States, to Federal interests” after “interests”; (3) in subsection (a)(3) by inserting “or in conjunction” after “consultation”; and (4) by inserting at the end of subsection (d) the following: “Funds authorized to be appropriated to carry out section 340 of the Water Resources Development Act of 1992 (106 Stat. 4956) are authorized to be used for projects undertaken under subsection (a)(1)(B).”

SEC. 544. CAPE COD CANAL RAILROAD BRIDGE, BUZZARDS BAY, MASSACHUSETTS.

(a) ALTERNATIVE TRANSPORTATION.—The Secretary is authorized to provide up to $300,000 for alternative transportation that may arise as a result of the operation, maintenance, repair, and rehabilitation of the Cape Cod Canal Railroad Bridge.

(b) OPERATION AND MAINTENANCE CONTRACT RENEWAL.—Not later than 60 days after the date of the enactment of this Act, the Secretary shall enter into negotiation with the owner of the railroad right-of-way for the Cape Cod Canal Railroad Bridge for the purpose of establishing a long-term contract for the operation and maintenance of the Bridge. The Secretary is authorized to include in any new contract the termination of the prior contract numbered ER-W175-ENG-1.

SEC. 545. ST. LOUIS, MISSOURI.

(a) DEMONSTRATION PROJECT.—The Secretary, in consultation with local officials, shall conduct a demonstration project to improve water quality in the vicinity of St. Louis, Missouri.

(b) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated $1,700,000 to carry out this project.

SEC. 546. BEAVER BRANCH OF BIG TIMBER CREEK, NEW JERSEY.

Upon request of the State of New Jersey or a political subdivision thereof, the Secretary may provide technical assistance in developing maps identifying flood inundation areas necessary for flood insurance purposes.

SEC. 547. LAKE ONTARIO AND ST. LAWRENCE RIVER LEVELS, NEW YORK.

Upon request of the State of New York, the Secretary shall provide technical assistance to the International Joint Commission and the St. Lawrence River Board of Control in undertaking studies on the effects of water quality deterioration and sedimentation on the natural environment, recreational boating, property flooding, and erosion along the shorelines of Lake Ontario and the St. Lawrence River in New York. The Commission and Board are encouraged to carry out a comprehensive basin-wide strategy in the State of New York and the environmental conditions of the State of New York. The commission and Board are encouraged to carry out a comprehensive basin-wide strategy in the State of New York.

SEC. 548. NEW YORK-NEW JERSEY HARBOR, NEW YORK AND NEW JERSEY.

The Secretary may enter into cooperative agreements with non-Federal interests to investigate, develop, and support measures for sediment and nutrient reduction by contaminant sources which affect navigation in the Port of New York-New Jersey and the environmental conditions of the Port of New York-New Jersey. The Secretary shall carry out a study to determine if additional compensation is required to fully compensate the City of Chesapeake, Maryland, for damage to the city’s water supply resulting from dredging of the Chesapeake and Delaware Canal project. If the Secretary determines that additional compensation is required, the Secretary may provide the compensation to the City of Chesapeake.

SEC. 549. SEA GATE REACH, CONEY ISLAND, NEW YORK, NEW YORK.

The Secretary is authorized to construct a project for shore protection which includes a seawall and revetment beach with revetment designed to extend the Sea Gate Reach on Coney Island, New York, as identified in the March 1998 report prepared for the Corps of Engineers, New York District, entitled “Sea Wall Design and Data Performance Analysis and Design Alternative Solutions to Improve Sandfill Retention”. The total cost of $9,000,000, with an estimated Federal cost of $5,850,000 and an estimated non-Federal cost of $3,150,000.

SEC. 550. WOODLAWN, NEW YORK.

(a) IN GENERAL.—The Secretary shall provide planning, design, and other technical assistance to non-Federal interests for identifying and mitigating the flood risk in Woodlawn Beach, New York.

(b) COST SHARING.—The non-Federal share of the cost of assistance provided under this section shall be 50 percent.

SEC. 551. FLOODPLAIN MAPPING, NEW YORK.

(a) IN GENERAL.—The Secretary shall provide planning, design, and other technical assistance to non-Federal interests on floodplain mapping and contaminant reduction measures.

(b) REQUIREMENTS.—Maps developed under the project shall include floodplain information and shall accurately show the flood inundation of each property by flood risk in the floodplain. The maps shall be produced in a high resolution format and shall be made available to all flood prone areas in the State of New York in an electronic format.

(c) PARTICIPATION OF FEMA.—The Secretary and the non-Federal sponsor of the project shall work with the Director of the Federal Emergency Management Agency to ensure the validity of the maps developed under the project for flood insurance purposes and for other use.

(d) FORMS OF ASSISTANCE.—In carrying out the project, the Secretary may enter into contracts or cooperative agreements with the non-Federal sponsor or provide reimbursements of project costs.

(e) FEDERAL SHARE.—The Federal share of the cost of the project shall be 75 percent.

(f) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section $12,000,000 for fiscal years beginning after September 30, 1998.

SEC. 552. WHITE OAK RIVER, NORTH CAROLINA.

The Secretary shall conduct a study to determine if water quality deterioration and sedimentation of the White Oak River, North Carolina, are the result of the Atlantic Intracoastal Waterway. The Secretary shall carry out a study to determine if additional compensation is required to fully compensate the City of Chesapeake, Maryland, for damage to the city’s water supply resulting from dredging of the Chesapeake and Delaware Canal project. If the Secretary determines that additional compensation is required, the Secretary may provide the compensation to the City of Chesapeake.

SEC. 553. TOUGANSAY RIVER, CARROLL TOWNSHIP, OTTAWA COUNTY, OHIO.

The Secretary is authorized to provide technical assistance for the removal of military ordnance from the Tougansay River, Carroll Township, Ottawa County, Ohio.

SEC. 554. SARDIS RESERVOIR, OKLAHOMA.

(a) IN GENERAL.—The Secretary shall accept the reservoirs of the State of Oklahoma or an agent of the State an amount, as determined under subsection (b), as a prepayment of 100 percent of the water supply cost obligation of the State under Section 251 of the Water Resources Development Act of 1974 for water supply storage at Sardis Reservoir, Oklahoma.

(b) DETERMINATION OF AMOUNT.—The amount to be paid by the State of Oklahoma under subsection (a) shall be subject to adjustment in accordance with accepted discount purchase methods for Federal Government properties as determined by an independent accounting firm designated by the Director of the Office of Management and Budget. The cost of such determination shall be paid for by the State of Oklahoma or an agent of the State.

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

SEC. 555. WAURIKA LAKE, OKLAHOMA, WATER CONVEYANCE FACILITIES.

For the project for the construction of the water conveyance facilities authorized by the first section of Pub. L. 95–253 (77 Stat. 291), the requirement for the Waurika Project Master Conservancy District to repay the $2,900,000 in costs (including interest) resulting from the October 1991 settlement of the claim between the United States Claims Court, and the payment of $1,190,451 of the final cost representing the difference between the 1978 estimate of cost and the actual cost determined after completion of such project in 1991, are waived.

SEC. 556. SKINNER BUTTE PARK, EUGENE, OREGON.

(a) STUDY.—The Secretary shall conduct a study of the south bank of the Willamette River, in the area of Skinner Butte Park from Ferry Street Bridge to the Valley River footbridge, to determine the feasibility of constructing a project to stabilize the river bank, and to restore and enhance riverine habitat, using a combination of structural and bioengineering techniques.

(b) CONSTRUCTION.—If, upon completion of the study, the Secretary determines that the project is feasible, the Secretary shall participate with non-Federal interests in the construction of the project.

(c) COST SHARE.—The non-Federal share of the cost of the project shall be 35 percent.

SEC. 557. WILLAMETTE RIVER BASIN, OREGON.

(a) STUDY.—The Secretary shall conduct a study of the basin of the Willamette River, in the area of Skinner Butte Park from Ferry Street Bridge to the Valley River footbridge.

(b) DETERMINATION.—The Secretary shall carry out a study to determine if additional compensation is required to fully compensate the City of Chesapeake, Maryland, for damage to the city’s water supply resulting from dredging of the Chesapeake and Delaware Canal project. If the Secretary determines that additional compensation is required, the Secretary may provide the compensation to the City of Chesapeake.

(c) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this study $1,000,000 for fiscal years beginning after September 30, 1999.

SEC. 558. WILLAMETTE RIVER BASIN, OREGON.

(a) STUDY.—The Secretary, in consultation with local officials, shall conduct a demonstration project to develop maps identifying 100- and 300-year flood inundation areas in the State of Oregon.

(b) REQUIREMENTS.—Maps developed under the project shall include floodplain information and shall accurately show the flood inundation of each property by flood risk in the floodplain. The maps shall be produced in a high resolution format and shall be made available to all flood-prone areas in the State of Oregon in an electronic format.

(c) PARTICIPATION OF FEMA.—The Secretary and the non-Federal sponsor of the project shall work with the Director of the Federal Emergency Management Agency to ensure the validity of the maps developed under the project for flood insurance purposes and for other use.

(d) FORMS OF ASSISTANCE.—In carrying out the project, the Secretary may enter into contracts or cooperative agreements with the non-Federal sponsor or provide reimbursements of project costs.

(e) FEDERAL SHARE.—The Federal share of the cost of the project shall be 75 percent.

(f) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section $12,000,000 for fiscal years beginning after September 30, 1998.
The heads of such Federal agencies may provide technical assistance, staff and financial support for development of the basin-wide management strategy. The heads of Federal agencies shall seek to coordinate, to the extent practicable, the administration and allocation of funding to reduce barriers to efficient and effective implementing of the strategy.

**SEC. 558. UPPER SUSQUEHANNA AND SULLIVAN COUNTIES, PENNSYLVANIA.**

The Secretary is authorized to provide assistance for water-related environmental infrastructure and restoration and development projects in Bradford and Sullivan Counties, Pennsylvania, using the funds and authorities provided in title I of the Energy and Water Development Appropriations Act, 1999 (Public Law 105–245) under the heading “CONSTRUCTION, GENERAL” (112 Stat. 1840) for similar projects in Lackawanna, Lycoming, Susquehanna, Wyoming, Pike, and Monroe Counties, Pennsylvania.

**SEC. 559. ERIE HARBOR, PENNSYLVANIA.**
The heads of such Federal agencies may provide the appropriate non-Federal interest not more than $37,366 for architect and engineering costs incurred in connection with the Erie Harbor basin navigation project, Pennsylvania.

**SEC. 560. POINT MARION LOCK AND DAM, PENNSYLVANIA.**
The project for navigation, Point Marion Lock and Dam, Borough of Point Marion, Pennsylvania, as authorized by section 301(a) of the Water Resources Development Act of 1986 (100 Stat. 4110), is modified to direct the Secretary, in the operation and maintenance of the project, to mitigate damages to the shoreline, at a total cost of $2,000,000. The cost of the mitigation shall be allocated as an operation and maintenance cost of a Federal project.

**SEC. 561. SEVEN POINTS’ HARBOR, PENNSYLVANIA.**

(a) In General.—The Secretary is authorized, at full Federal expense, to construct a breakwater-dock combination at the entrance to Seven Points’ Harbor, Pennsylvania.

(b) Operation and Maintenance Costs.—All operation and maintenance costs associated with the facility constructed under this section shall be the responsibility of the lessee of the marina complex at Seven Points’ Harbor.

(c) Authorization of Appropriations.—There is authorized to be appropriated $850,000 to carry out this section.

**SEC. 562. SOUTHEASTERN PENNSYLVANIA.**

Section 443 of the Water Resources Development Act of 1996 (110 Stat. 3747) is amended—

(1) by inserting “(a) INVESTIGATION.—” before “the ‘Secretary’”; and

(2) by adding at the end the following:

“(b) REPORT.—Not later than September 30, 1999, the Secretary shall transmit to Congress a report on the results of the investigation under this section. The report shall include the examination of financing options for regular maintenance and preservation of the lake. The report shall be prepared in coordination and cooperation with the Corps of Engineers, Conservation Districts, other Federal agencies, and State and local officials.”.

**SEC. 563. INTEGRATED WATER MANAGEMENT PLAN, NEBRASKA.**

(a) In General.—The Secretary, in cooperation with other Federal agencies and the State of Nebraska, shall develop, plan, and design a plan to provide for the management of integrated water planning and projects that will serve the cities, counties, water agencies, and participating planning regions under the jurisdiction of the State of Nebraska.

(b) Purposes of Assistance.—Assistance provided under subsection (a) shall be in support of non-Federal planning projects for the following purposes:

(i) Plan and develop integrated, near- and long-term water management plans that address the planning region’s water supply, water conservation, and water quality needs.

(ii) Study and develop strategies and plans that restore, preserve, and protect the State’s natural resources and water-related ecosystems.

(iii) Facilitate public communication and participation.

(iv) Integrate such activities with other ongoing Federal and State projects and activities associated with the State’s water plan and the State of Nebraska.

(c) Cost Sharing.—The non-Federal share of the cost of assistance provided under subsection (a) shall be not less than 50%, of which at least 1/2 of the non-Federal share shall be provided as in kind services.

(d) Authorization of Appropriations.—There is authorized to be appropriated $30,000,000 for the fiscal years beginning after September 30, 1999.

**SEC. 564. AGUADILLA HARBOR, PUERTO RICO.**

The Secretary shall conduct a study to determine if erosion and additional storm damage risks that exist in the vicinity of Aguadilla Harbor, Puerto Rico, are the result of a Federal navigation project. If the Secretary determines that such erosion and additional storm damage risks are the result of the project, the Secretary shall take appropriate measures to mitigate the erosion and storm damage.

**SEC. 565. OAHE DAM TO LAKE SHARPE, SOUTH DAKOTA, STUDY.**

Section 443 of the Water Resources Development Act of 1996 (110 Stat. 3747) is amended—

(1) by inserting “(a) INVESTIGATION.—” before “the ‘Secretary’”; and

(2) by adding at the end the following:

“(b) REPORT.—Not later than September 30, 1999, the Secretary shall transmit to Congress a report on the results of the investigation under this section. The report shall include the examination of financing options for regular maintenance and preservation of the lake. The report shall be prepared in coordination and cooperation with the Corps of Engineers, Conservation Districts, other Federal agencies, and State and local officials.”.

**SEC. 566. INTEGRATED WATER MANAGEMENT PLAN, IOWA.**

(a) In General.—The Secretary, in cooperation with other Federal agencies and the State of Iowa, shall develop, plan, and design a plan to provide for the management of integrated water planning and projects that will serve the cities, counties, water agencies, and participating planning regions under the jurisdiction of the State of Iowa.

(b) Purposes of Assistance.—Assistance provided under subsection (a) shall be in support of non-Federal planning projects for the following purposes:

(i) Plan and develop integrated, near- and long-term water management plans that address the planning region’s water supply, water conservation, and water quality needs.

(ii) Study and develop strategies and plans that restore, preserve, and protect the State’s natural resources and water-related ecosystems.

(iii) Facilitate public communication and participation.

(iv) Integrate such activities with other ongoing Federal and State projects and activities associated with the State’s water plan and the State of Iowa.

(c) Cost Sharing.—The non-Federal share of the cost of assistance provided under subsection (a) shall be not less than 50%, of which at least 1/2 of the non-Federal share shall be provided as in kind services.

(d) Authorization of Appropriations.—There is authorized to be appropriated $5,000,000 for fiscal years beginning after September 30, 1999.

**SEC. 567. BOLIVAR PENINSULA, JEFFERSON, CHAMBERS, AND GALVESTON COUNTIES, TEXAS.**

(b) Non-Federal Share.—The non-Federal share of the cost of the projects described in the following reports of the Corps of Engineers entitled “Feasibility Master Plan for Bolivar Peninsula, Jefferson, Chambers, and Galveston Counties, Texas,” dated July 7, 1997, at a total cost of $2,212,500 and an estimated non-Federal cost of $1,150,000, and an estimated Federal cost of $850,000, and an estimated Federal cost of $800,000.

(C) Application of Benefit-Cost Ratio Waiver Authority.—In evaluating and implementing the project, the Secretary shall allow the non-Federal interest to participate in the financing of the project in accordance with section 903(c) of the Water Resources Development Act of 1986 (100 Stat. 4114), notwithstanding any limitation on the purpose of projects to which such section applies, to the extent that the Secretary’s evaluation indicates that applying such section is necessary to implement the project.

**SEC. 568. PACKERY CHANNEL, CORPUS CHRISTI, TEXAS.**

(a) In General.—The Secretary shall construct a navigation and storm protection project at Packery Channel, Mustang Island, Texas, consisting of construction of a channel and a channel jetty and placement of sand along the length of the seawall.

(b) Ecological and Recreational Benefits.—In evaluating the project, the Secretary shall include the ecological and recreational benefits of reopening the Packery Channel.

(c) Application of Benefit-Cost Ratio Waiver Authority.—In evaluating and implementing the project, the Secretary shall allow the non-Federal interest to participate in the financing of the project in accordance with section 903(c) of the Water Resources Development Act of 1986 (100 Stat. 4114), notwithstanding any limitation on the purpose of projects to which such section applies, to the extent that the Secretary’s evaluation indicates that applying such section is necessary to implement the project.

**SEC. 570. NORTHERN WEST VIRGINIA.**

The projects described in the following reports are authorized to be carried out by the Secretary substantially in accordance with the plans, and subject to the conditions, recommended in such reports:


(2) Weirton, West Virginia.—Report of the Corps of Engineers entitled “Feasibility Master Plan for Weirton Port and Industrial Center, Monongahela River, West Virginia”, dated December 1997, at a total cost of $18,000,000, with an estimated Federal cost of $9,000,000, and an estimated non-Federal cost of $9,000,000.

(3) Erickson/Wood County, West Virginia.—Report of the Corps of Engineers entitled “Feasibility Master Plan for Erickson/Wood County Port District, West Virginia Public Port Authority”, dated September 1999, at a total cost of $14,000,000, with an estimated Federal cost of $7,000,000, and an estimated non-Federal cost of $7,000,000.

(4) Monongahela River, West Virginia.—Monongahela River, West Virginia, Comprehensive Study Reconnaissance Report, dated September 1998, consisting of the following elements:

(A) Morgantown Riverfront Park, Morgantown, West Virginia, at a total cost of $1,600,000, with an estimated Federal cost of $1,000,000 and an estimated non-Federal cost of $600,000.

(B) Caperton Rail to Trail, Monongahela County, West Virginia, at a total cost of $4,500,000, with an estimated Federal cost of $2,212,500 and an estimated non-Federal cost of $2,212,500.

(C) Palatine Park, Fairmont, West Virginia, at a total cost of $4,000,000, with an estimated Federal cost of $2,800,000 and an estimated non-Federal cost of $1,200,000.

**SEC. 571. URBANIZED PEAK FLOOD MANAGEMENT STUDY.**

(a) In General.—The Secretary shall develop and implement a research program to evaluate
opportunities to manage peak flood flows in urbanized watersheds located in the State of New Jersey.

(b) SCOPE OF RESEARCH.—The research program authorized by subsection (a) shall be accomplished through the New York District, after developing a comprehensive accurate model to establish flood reduction conditions in watersheds under consideration for development. Special accurate models to establish flood reduction conditions in watersheds under consideration for development.

(4) Development and validation of an inexpensive adaptive model to establish flood reduction factors and change in imperviousness, soil types, shape of the drainage basin, and other pertinent parameters from existing to ultimate conditions in watersheds under consideration for development.

(S) Demonstration of management practices and innovative and alternative treatment technologies to minimize or eliminate adverse environmental effects associated with development of abandoned and inactive noncoal mines.

(c) R EPORT TO CONGRESS.—The Secretary shall evaluate policy changes in the planning process for flood control projects based on the results of the research authorized by this section and transmit to Congress a report not later than 3 years after the date of the enactment of this Act.

(d) A UTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section $3,000,000 for fiscal years beginning after September 30, 1999.

(S) B EFORE PROCEEDING TO C OMPLETE THE INVESTIGATIONS WITHIN THE AUTHORITY PROVIDED UNDER THIS SECTION$7,000,000 for fiscal years beginning after September 30, 1998.

(b) C ANDY LAKE PROJECT, O SAGE COUNTY, OKLAHOMA.—

SEC. 574. WEST BATON ROUGE PARISH, LOUISIANA. For conducting pilot projects to encourage the beneficial use of waste tire rubber, including crumb rubber, recycled pavements, and other uses associated with conversion and infrastructure projects receiving Federal funds, the Secretary shall, upon appropriate, encourage the use of waste tire rubber, including crumb rubber, in such federally funded projects.

SEC. 575. ABANDONED AND INACTIVE NONCOAL MINE RESTORATION. (a) In General.—The Secretary is authorized to provide technical, planning, and design assistance to Federal and non-Federal interests for carrying out projects to address water quality problems caused by drainage and related activities from abandoned and inactive noncoal mines.

(b) S PECIFIC MEASURES.—Assistance provided under such projects shall be in support of projects for the following purposes:

(1) Management of drainage from abandoned and inactive noncoal mines.

(2) Restoration and protection of streams, rivers, wetlands, other waterbodies, and riparian areas degraded by drainage from abandoned and inactive noncoal mines.

(3) Demonstration of management practices and innovative and alternative treatment technologies to minimize or eliminate adverse environmental effects associated with drainage from abandoned and inactive noncoal mines.

(c) N ON-FEDERAL SHARE.—The non-Federal share of the cost of assistance under subsection (a) shall be 50 percent; except that the Federal share shall be 100 percent in the case of abandoned and inactive noncoal mines.

(d) E FFECT ON AUTHORITY OF THE SECRETARY.—(1) Management of drainage from abandoned and inactive noncoal mines.

(2) Restoration and protection of streams, rivers, wetlands, other waterbodies, and riparian areas degraded by drainage from abandoned and inactive noncoal mines.

(3) Demonstration of management practices and innovative and alternative treatment technologies to minimize or eliminate adverse environmental effects associated with drainage from abandoned and inactive noncoal mines.

(4) Utilization of such management models to carry on the research described in paragraph (2)(A).

(5) Development of peak flow management models for 4 to 6 watersheds in urbanized areas located along the Hudson River, Delaware River, Connecticut River, and soil types that can be used to determine optimal flow reduction factors for individual watersheds.

(6) Utilization of such management models to determine relationships between flow and reduction factors and change in imperviousness, soil types, shape of the drainage basin, and other pertinent parameters from existing to ultimate conditions in watersheds under consideration for development.

(7) Demonstration of management practices and innovative and alternative treatment technologies to minimize or eliminate adverse environmental effects associated with development of abandoned and inactive noncoal mines.

(e) T ECHNOLOGY DATABASE FOR RECLAMATION OF ABANDONED MINES.—The Secretary is authorized to provide assistance to non-Federal and non-profit entities to develop, maintain, and administer a database of conventional and innovative, cost-effective technologies for reclamation of abandoned and inactive noncoal mine sites. Such assistance shall be provided through the rehabilitation of abandoned mine sites programs managed by the States to operate and maintain the Mississippi River 5-Foot Navigation Project.

(f) A UTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section $5,000,000.

SEC. 576. BENEFICIAL USE OF WASTE TIRE RUBBER. (a) In General.—The Secretary is authorized to conduct pilot projects to encourage the beneficial use of waste tire rubber, including crumb rubber, recycled pavements, and other uses associated with conversion and infrastructure projects receiving Federal funds. The Secretary shall, upon appropriate, encourage the use of waste tire rubber, including crumb rubber, in such federally funded projects.


SEC. 578. LAND CONVEYANCES.

(a) IN GENERAL.—The Secretary may cooperate with the Secretaries of Agriculture and the Interior to carry out projects located on lands owned by the United States and convey all right, title, and interest in and to the land described in paragraph (2)(A). Holnam Inc. shall hold the United States harmless from liability, and the United States shall not incur cost associated with the removal or relocation of any such improvements.

(b) T IME LIMIT FOR EXCHANGE.—The land exchange authorized by paragraph (1) shall be completed not later than 2 years after the date of the enactment of this Act.

(c) D ESCRIPTION OF LANDS.—The lands re-
(i) IN GENERAL.—The Secretary shall give a previous owner of land that desires to purchase the land described in subparagraph (A) that was owned by the previous owner of land, or by the individual from whom the previous owner of land is descended, an application to purchase the land with the Secretary not later than 180 days after the official date of notice to the previous owner of land under paragraph (3).

(ii) First Option.—If more than one application is filed to purchase a parcel of land described in subparagraph (A), the first option to purchase the parcel of land shall be determined in the order in which applications for the parcel of land were filed.

(iii) Identification of Previous Owners of Land.—As soon as practicable after the date of the enactment of this Act, the Secretary shall, to the extent practicable, identify each previous owner of land.

(iv) Consideration.—Consideration for land conveyed under this paragraph shall be the fair market value of the land.

(v) Disposal.—Any land described in subparagraph (A) for which an application to purchase has been filed under subparagraph (B)(ii) within the applicable time period shall be disposed of in accordance with law.

(vi) Extinguishment of Easements.—All flowage easements acquired by the United States for use in the Candy Lake project in Osage County, Oklahoma, are extinguished.

(3) Notice.—

(A) IN GENERAL.—The Secretary shall notify—

(i) each person identified as a previous owner of land under paragraph (2)(B)(ii), not later than 90 days after identification, by United States mail; and

(ii) the general public, not later than 90 days after the date of the enactment of this Act, by publication in the Federal Register.

(B) CONTENTS OF NOTICE.—Notice under this paragraph shall include—

(i) a copy of this subsection;

(ii) information sufficient to separately identify each parcel of land subject to this subsection; and

(iii) specification of the fair market value of each parcel of land subject to this subsection.

(C) Official Date of Notice.—The official date of notice under paragraph (1) shall be the date on which actual notice is mailed or the date of publication of the notice in the Federal Register.

(D) Lake Hugo, Oklahoma, Area Land Conveyance.—

(1) IN GENERAL.—As soon as practicable after the date of the enactment of this Act, the Secretary shall convey at fair market value to Choctaw County Industrial Authority, Oklahoma, the property described in paragraph (2).

(2) DESCRIPTION.—The property to be conveyed under paragraph (1) is—

(A) that portion of land at Lake Hugo, Oklahoma, above elevation 445.2 located in the NW ¼ of the SW ¼ of Section 24, R 18 E, T 6 S, and the SW ¼ of Section 13, R 18 E, T 6 S bounded by a line 290 feet on the centerline of Road B of Sawyer Bluff Public Use Area and to the north by the ¼ quarter section line forming the south boundary of Wilson Point Public Use Area.

(B) a parcel of property at Lake Hugo, Oklahoma, commencing at the NE corner of the SE ¼ SW ¼ of Section 13, R 18 E, T 6 S, 100 feet north, then east 1 mile to the county centerline between Section 13, R 18 E, T 6 S, and Section 18, R 19 E, T 6 S.

(E) TERMS AND CONDITIONS.—The conveyance under this subsection shall be subject to such terms and conditions, including payment of reasonable administrative costs and compliance with applicable Federal floodplain management and flood insurance programs, as the Secretary considers necessary and appropriate to protect the interests of the United States.

(F) Conveyance of Property in Marshall County, Oklahoma.—

(1) IN GENERAL.—The Secretary shall convey to the State of Oklahoma all right, title, and interest of the United States to real property located in the 1⁄2 quarter section located in the SW ¼ of Section 13, R 18 E, T 6 S, 100 feet north, and all right, title, and interest of the United States in and to a parcel of land consisting of approximately 5 acres located at Dexter Lake, Oregon, under lease to the Dexter Sanitary District.

(G) Terms and Conditions.—The conveyance under this subsection shall be subject to such terms and conditions as the Secretary considers appropriate to protect the interests of the United States.

(H) Conveyance of Property in Osage County, Oklahoma.—

(1) IN GENERAL.—The Secretary shall convey, without consideration, to the State of Oklahoma for public park and recreation purposes.

(2) Consideration.—Consideration for the conveyance under paragraph (1) shall be the fair market value of the real property, as determined by the Secretary. All costs associated with the conveyance under paragraph (1) shall be paid by the State of Oklahoma.

(3) Description.—The description of the real property to be conveyed under paragraph (1) shall be determined by a survey satisfactory to the Secretary. The cost of the survey shall be paid by the State of Oklahoma.

(4) Environmental Compliance.—Before making the conveyance under paragraph (1), the Secretary shall—

(A) conduct an environmental baseline survey to determine if there are levels of contamination for which the United States would be responsible under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9601 et seq.); and

(B) ensure that the conveyance complies with the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

(5) OTHER TERMS AND CONDITIONS.—The conveyance under paragraph (1) shall be subject to such other terms and conditions as the Secretary considers necessary and appropriate to protect the interests of the United States.

(6) SUMMERFIELD CEMETARY ASSOCIATION, OKLAHOMA, LAND CONVEYANCE.—

(1) IN GENERAL.—As soon as practicable after the date of the enactment of this Act, the Secretary shall convey to the Summerfield Cemetery Association, Oklahoma, all right, title, and interest of the United States in and to the land described in paragraph (3) for use as a cemetery.

(2) Terms and Conditions.—The conveyance under this subsection shall be without consideration.

(3) TERMS AND CONDITIONS.—The conveyance under this subsection shall be subject to such terms and conditions as the Secretary considers necessary and appropriate to protect the interests of the United States.

(7) CONVEYANCE OF PROPERTY IN MARSHALL COUNTY, SOUTHERN OREGON.—

(1) IN GENERAL.—The Secretary shall convey, without consideration, to the State of Oregon for public park and recreation purposes.

(2) Terms and Conditions.—The conveyance under paragraph (1) shall be subject to such terms and conditions as the Secretary considers appropriate to protect the interests of the United States.
State to manage for fish and wildlife mitigation purposes the lands under this subsection and the lands not covered by the conveyance that are designated in red in Exhibit A of Army License Number DACW21–3–85–1904.

(B) TERMS AND CONDITIONS.—The agreement shall specify the terms and conditions under which the payment will be made and the rights of, and remedies available to, the Federal Government to recover all or a portion of the payment in the event the State fails to manage the lands in a manner satisfactory to the Secretary.

(C) TRANSFER.—The Secretary is authorized to convey the property of the Corps of Engineers known as the "Equipment and Storage Yard", located on Meeting Street in Charleston, South Carolina, in an in-kind exchange for the property of the City of Charleston, South Carolina, title, and interest of the United States in and to a portion of the land described in Army Lease Number DACW68–1–97–22, consisting of approximately 0.24 acre, more or less. The bearing and coordinate used herein are referenced to the West Virginia State Plane Coordinate System, South Zone.

(D) Other Transfers.—(1) The Secretary may transfer 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 Port of Clarkston.

(2) ADDITIONAL LAND.—The Secretary may convey to the Town of Matewan, West Virginia, at fair market value as determined by the Secretary, such additional land located in the vicinity of the Columbia River Project and appropriate for conveyance.

(3) TERMS AND CONDITIONS.—The conveyances made under paragraphs (1) and (2) shall be subject to such terms and conditions as the Secretary determines to be necessary to protect the interests of the United States, including a requirement that the Port of Clarkston pay all administrative costs associated with the conveyances (including the cost of land surveys and appraisals and costs associated with compliance with applicable environmental laws, including regulations).

(4) USE OF LAND.—The Port of Clarkston shall be required to pay the fair market value, as determined by the Secretary, of any land or project purchased pursuant to paragraph (1) that is not retained in public ownership or is used for other than public park or recreation purposes, except that the Secretary shall have a right of reverter to reclaim possession and title to any such land.

(I) LAND CONVEYANCE TO MATEwan, WEST VIRGINIA.—(1) IN GENERAL.—The United States shall convey by quit claim deed to the Town of Matewan, West Virginia, all right, title, and interest of the United States in and to four parcels of land described as follows:

Beginning at a point on the southerly right-of-way of a 40-foot-wide street right-of-way (known as McCoy Alley), having an approximate coordinate value of N228,936 E1,661,672, and being at the intersection of the northerly right-of-way line of State Route 49/10 with the westerly right-of-way line of said Railroad, having an approximate coordinate value of N228,826 E1,661,679, and being at the intersection of the easterly right-of-way line of State Route 49/10 with the westerly right-of-way line of said Railroad, and with the right-of-way of said State Route 49/10, thence, leaving the right-of-way of said Railroad, severing the lands of said Project.

South 39°39' West 69 feet.
North 27°22' West 322 feet to an iron pin and cap designated U.S.A. Corner No. M–8–1 on the boundary of the Matewan Area Structural Project, thence, leaving the right-of-way of said Railroad, and with the right-of-way line of said Railroad.

North 38°40' West 14 feet to the point of beginning, containing 0.53 acre, more or less. The bearings and coordinate used herein are referenced to the West Virginia State Plane Coordinate System, South Zone.

(C) A certain parcel of land in the State of West Virginia, Mingo County, Town of Matewan, and being more particularly bounded and described as follows:

Beginning at a point on the southerly right-of-way line of the Norfolk and Western Railroad, having an approximate coordinate value of N228,837 E1,661,678, and being at the intersection of the easterly right-of-way line of State Route 49/10 with the boundary of the Matewan Area Structural Project; thence, leaving the right-of-way of said road, and with said Project boundary, and the southerly right-of-way of said Railroad.

North 77°49' East 89 feet to an iron pin and cap designated as U.S.A. Corner No. M–4.

North 79°39' East 74 feet to an iron pin and cap designated as U.S.A. Corner No. M–5–1; thence, leaving the southerly right-of-way of said Railroad, and with the right-of-way of said road, severing the lands of said Project.

North 80°39' West 171 feet to a point at the intersection of the Northerly right-of-way line of East 102 to an iron pipe and cap designated U.S.A. Corner No. M–6–1 on the northerly right-of-way line of State Route 49/28; thence, leaving the boundary of said Project, and with the right-of-way of said road, severing the lands of said Project.

North 03°21' West 42 feet to the point of beginning, containing 0.27 acre, more or less. The bearings and coordinate used herein are referenced to the West Virginia State Plane Coordinate System, South Zone.

(D) A certain parcel of land in the State of West Virginia, Mingo County, Town of Matewan, and being more particularly bounded and described as follows:

Beginning at a point on the easterly right-of-way line of State Route 49/10 at the intersection of the southerly right-of-way line of said State Route 49/28 with the easterly right-of-way line of said State Route 49/10; thence, leaving the right-of-way of said road, and with the right-of-way of said State Route 49/10.

North 62°21' West 23 feet to a point at the intersection of the easterly right-of-way line of State Route 49/10 with the southerly right-of-way line of State Route 49/28; thence, leaving the right-of-way of said State Route 49/10.

North 89°28' East 80 feet to an iron pin and cap designated as U.S.A. Corner No. M–9–1 point on the northerly right-of-way line of a street (known as McCoy Alley); thence, leaving said Project boundary and with the northerly right-of-way of said street.

South 49°30' West 30 feet to a point on the right-of-way line of said Railroad; thence, leaving the right-of-way of said road, and with the right-of-way of said Railroad.

North 79°30' West 69 feet.
bearings and coordinate used herein are referred to as the Minnesota State Plane Coordinate System, South Zone.

(ii) Merrimack Lake, Merrimack County, New Hampshire,

(1) Dead conveyance.—Notwithstanding any other provision of law, the Secretary shall convey to eligible private property owners at fair market value, as determined by the Secretary, all right, title, and interest of the United States in and to certain lands acquired for Merrimack Lake Project, Merrimack County, New Hampshire.

(2) Property description.—The lands to be conveyed under paragraph (1) include those lands lying between elevation 163, National Geodetic Vertical Datum of 1929, and the Federal Government boundary line for Tract Numbers 102, 129, 132-1, 132-2, 134, 135, 136-1, 136-2, 138, 139, 140, 141, 142, 143, 144, and 145, located in sections 18, 19, 25, 30, 31, and 32, Township 7 South, Range 2 West, and the SE 1⁄4 of Section 36, Township 7 South, Range 3 West, Fifth Principal Meridian, with the exception of any lands designated for public park purposes.

(3) Terms and conditions.—Any lands conveyed under paragraph (1) shall be subject to—

(a) an Arkansas easement prohibiting human habitation and restricting construction activities;

(b) the reservation of timber rights by the United States; and

(c) such additional terms and conditions as the Secretary considers appropriate to protect the interests of the United States.

(iii) Eligible property owner defined.—In this subsection, the term "eligible private property owner" means the owner of record of land contiguous to lands owned by the United States in connection with the project referred to in paragraph (1).

SEC. 579. NAMINGS.

(a) Francis Bland Floodway Ditch, Arkansas.—

(1) Designation.—8-Mile Creek in Paragould, Arkansas, shall be known and designated as the "Francis Bland Floodway Ditch".

(b) Legal reference.—Any reference in a law, map, regulation, document, paper, or other record of the United States to the creek referred to in paragraph (1) shall be deemed to refer to the "Francis Bland Floodway Ditch".

(c) Lawrence Blackwell Memorial Bridge, Arkansas.—

(1) Designation.—The bridge over and dam numbered 4 on the Arkansas River, Arkansas, constructed as part of the project for navigation on the Arkansas River and tributaries, shall be known and designated as the "Lawrence Blackwell Memorial Bridge".

(d) Legal reference.—Any reference in a law, map, regulation, document, paper, or other record of the United States to the bridge referred to in paragraph (1) shall be deemed to refer to the "Lawrence Blackwell Memorial Bridge".

SEC. 580. FOLSOM DAM AND RESERVOIR ADDITIONAL STORAGE AND ADDITIONAL FLOOD CONTROL STUDIES.

(a) Folsom Flood Control Studies.—

(1) In general.—The Secretary, in consultation with the State of California and local water resources agencies, shall undertake a study of increasing the exchange flood control storage at the Folsom Dam and Reservoir.

(2) Limitations.—The study of the Folsom Dam and Reservoir undertaken under paragraph (1) shall be consistent with the purposes of this Act and no increase in conservation storage at the Folsom Reservoir shall be required.

(b) American and Sacramento Rivers Flood Control Study.—

(1) In general.—The Secretary shall undertake a study of all levees on the American River and on the Sacramento River downstream and upstream of such levees and in the floodplain of such Rivers to access opportunities to increase potential flood protection through levee modifications.

(2) Deadline for completion.—Not later than March 1, 2000, the Secretary shall transmit to Congress a report on the results of the study undertaken under this subsection.

(c) Wallops Island, Virginia.—

(1) Establishment of program.—The Secretary may establish a pilot program for providing environmental assistance to non-Federal interests in northeastern Minnesota.

(b) Form of assistance.—Assistance under this section may be in the form of design and construction assistance for water-related environmental infrastructure and resource protection and development projects in northeastern Minnesota, including projects for wastewater treatment and related facilities, water supply and related facilities, environmental restoration, and surface water resource protection and development.

(c) Requirements.—Each local cooperation agreement entered into under this subsection shall provide for the following:

(1) Plan.—Development by the Secretary, in consultation with appropriate Federal and State officials, of a facilities or resource protection and development plan, including appropriate engineering plans and specifications.

(2) Local cooperation agreement.—In general.—Before providing assistance under this section, the Secretary shall enter into a local cooperation agreement with a non-Federal interest to provide for design and construction of the project to be carried out with the assistance.

(d) Local cooperation agreement.—In general.—Before providing assistance under this section, the Secretary shall enter into a local cooperation agreement with a non-Federal interest to provide for design and construction of the project to be carried out with the assistance.

SEC. 581. DARIUS B. MILLER.—AHD RIVERS, ILLINOIS.

(a) Emergency action.—The Secretary shall take emergency action to protect Walla Walla lands, property, and water upon the project to be carried out with the assistance.

(b) Reimbursement.—The Secretary may seek reimbursement from such cooperating agencies for the costs associated with the emergency action taken under subsection (a).

SEC. 582. DETROIT RIVER, DETROIT, MICHIGAN.

(a) In general.—The Secretary is authorized to repair and rehabilitate the seawalls on the Detroit River in order to protect the property or resources protected by the emergency action taken under subsection (a).

(b) Authorization of appropriations.—There is authorized to be appropriated to carry out this section $8,000,000.

SEC. 583. NORTHEASTERN MINNESOTA.

(a) Establishment of program.—The Secretary may establish a pilot program for providing environmental assistance to non-Federal interests in northeastern Minnesota.

(b) Form of assistance.—Assistance under this section may be in the form of design and construction assistance for water-related environmental infrastructure and resource protection and development projects in northeastern Minnesota, including projects for wastewater treatment and related facilities, water supply and related facilities, environmental restoration, and surface water resource protection and development.

(c) Requirements.—Each local cooperation agreement entered into under this subsection shall provide for the following:

(1) Plan.—Development by the Secretary, in consultation with appropriate Federal and State officials, of a facilities or resource protection and development plan, including appropriate engineering plans and specifications.

(2) Local cooperation agreement.—In general.—Before providing assistance under this section, the Secretary shall enter into a local cooperation agreement with a non-Federal interest to provide for design and construction of the project to be carried out with the assistance.

(d) Local cooperation agreement.—In general.—Before providing assistance under this section, the Secretary shall enter into a local cooperation agreement with a non-Federal interest to provide for design and construction of the project to be carried out with the assistance.

SEC. 584. ALASKA.

(a) Establishment of program.—The Secretary may establish a pilot program for providing environmental assistance to non-Federal interests in Alaska.

(b) Form of assistance.—Assistance under this section may be in the form of design and construction assistance for water-related environmental infrastructure and resource protection and development projects in Alaska, including projects for wastewater treatment and related facilities, water supply and related facilities, and surface water resource protection and development.

(c) Requirements.—Each local cooperation agreement entered into under this subsection shall provide for the following:

(1) Plan.—Development by the Secretary, in consultation with appropriate Federal and State officials, of a facilities or resource protection and development plan, including appropriate engineering plans and specifications.

(2) Local cooperation agreement.—In general.—Before providing assistance under this section, the Secretary shall enter into a local cooperation agreement with a non-Federal interest to provide for design and construction of the project to be carried out with the assistance.
SEC. 586. SACRAMENTO METROPOLITAN AREA—WATERSHED RESTORATION, CALIFORNIA.

(a) IN GENERAL.—The Secretary is authorized to undertake environmental restoration activities included in the Sacramento Metropolitan Water Authority’s Watershed Management Plan, to provide for the removal of contaminated groundwater resulting directly from the activities of any Federal agency or Department of the Federal Government at or in the vicinity of McClellan Air Force Base, California; Mather Air Force Base, California; Sacramento Army Depot, California; or any location within the watershed where the Federal Government has a jurisdictional interest in carrying out reclamation activities under any Federal environmental law.

(b) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out the project $5,000,000 for fiscal years beginning after September 30, 1999.

SEC. 587. ONONDAGA LAKE.

(a) IN GENERAL.—The Secretary is authorized to undertake environmental restoration, conservation, and management of Onondaga Lake, New York, and to provide, in coordination with the Administrator of the Environmental Protection Agency, financial assistance to the State of New York and political subdivisions thereof for the development and implementation of projects to restore, conserve, and manage Onondaga Lake.

(b) PARTNERSHIP.—In carrying out this section, the Secretary shall establish a partnership with the State of New York (including the Environmental Protection Agency) and the State of New York and political subdivisions thereof for the purpose of project development and implementation. Such partnership shall be dissolved not later than 15 years after the date of the enactment of this Act.

(c) COST SHARING.—The non-Federal share of the cost of a project constructed under this section (a) shall not be less than 30 percent of the total cost of the project and may be provided through in-kind services.

(d) EFFECT ON LIABILITY.—Financial assistance provided under this section shall not relieve from liability any person who would otherwise be liable under Federal or State law for damages, response costs, natural resource damages, restitution, equitable relief, or any other liability.

(e) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated $10,000,000 to carry out the purposes of this section.

(f) REPEAL.—Section 401 of the Great Lakes Critical Programs Act of 1990 (104 Stat. 1010) and section 411 of the Water Resources Development Act of 1994 (108 Stat. 1492) are repealed as of the date of the enactment of this Act.

SEC. 588. EAST LYNN LAKE, WEST VIRGINIA.

The Secretary shall defer any decision relating to the leasing of mineral resources underlying East Lynn Lake, West Virginia, project lands to the Federal entity vested with such leasing authority.

SEC. 589. EEL RIVER, CALIFORNIA.

The Secretary shall conduct a study to determine if flooding in the City of Ferndale, California, is the result of a Federal flood control project on the Eel River. If the Secretary determines that the flooding is the result of the project, the Secretary shall take appropriate measures (including dredging of the Sull River and construction of a flood留下来 at the confluence of Francis, Reas, and Williams Creeks) to mitigate the flooding.

SEC. 590. NORTH LITTLE ROCK, ARKANSAS.

(a) IN GENERAL.—The Secretary shall review a report prepared by the non-Federal interest concerning flood protection for the Dark Hollow area of North Little Rock, Arkansas. If the Secretary determines that the flood protection standards of the Corps of Engineers and that the project is economically justified, technically sound, and environmentally acceptable, the Secretary shall carry out the project.

(b) TREATMENT OF DESIGN AND PLAN PREPARATION COSTS.—The costs of design and preparation of plans and specifications shall be included as project costs and paid during construction.
ORDERS FOR THURSDAY, JULY 29, 1999

Mr. ROTH. Mr. President, I can unanimous consent that when the Senate reconvenes tomorrow morning at 9:30. By previous order, the Senate will immediately begin a stacked series of votes on the Abraham Social Security lockbox amendment, the Baucus motion to recommit, and the Graham amendment regarding effective dates of the provisions in the Taxpayer Refund Act of 1999. Following the votes, Senator Gramm of Texas will be recognized to offer an amendment regarding across-the-board tax cuts, estate taxes, and capital gains taxes. By previous consent, there will be 10 hours of debate time remaining on the bill tomorrow. Therefore, it is hoped that the Senate can continue to make significant progress on the bill and that the Senate action can be completed no later than Friday.

ENERGY AND WATER DEVELOPMENT APPROPRIATIONS ACT, 2000

The PRESIDING OFFICER. Under the order of the Senate of June 14, 1999, having received H.R. 2605, the Senate will proceed to the bill, all after the enacting clause is stricken, and the text of S. 1186 is inserted. H.R. 2605, as amended, is read a third time and passed. The Senate insists on its amendment, requests a conference with the House, and the Chair appoints Mr. Domenici, Mr. Cochran, Mr. Gorton, Mr. McConnell, Mr. Bennett, Mr. Burns, Mr. Craig, Mr. Stevens, Mr. Reid, Mr. Byrd, Mr. Hollings, Mrs. Murray, Mr. Kohl, Mr. Dorgan, and Mr. Inouye conferees on the part of the Senate.

ADJOURNMENT UNTIL 9:30 A.M. TOMORROW

Mr. ROTH. If there is no further business to come before the Senate, I now ask unanimous consent that the Senate stand in adjournment under the previous order.

There being no objection, the Senate, at 10:43 p.m., adjourned until Thursday, July 29, 1999, at 9:30 a.m.

NOMINATIONS

Executive nominations received by the Senate July 28, 1999:

Export-Import Bank of the United States
DORIAN VANESSA WEAVER, OF ARKANSAS, TO BE A MEMBER OF THE BOARD OF DIRECTORS OF THE EXPORT-IMPORT BANK OF THE UNITED STATES FOR A TERM EXPIRING JANUARY 20, 2003, VICE MARIA LUISA MARLAGAN HALEY, RESIGNED.

Executive Office of the President
MARTIN NEIL BAILY, OF MARYLAND, TO BE A MEMBER OF THE COUNCIL OF ECONOMIC ADVISERS, VICE JANET L. YELLEN.

Social Security Administration
JAMES G. HUSE, JR., OF MARYLAND, TO BE INSPECTOR GENERAL, SOCIAL SECURITY ADMINISTRATION, VICE DAVID C. WILLIAMS, RESIGNED.