

111TH CONGRESS
2^D SESSION

H. R. 5892

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

IN THE HOUSE OF REPRESENTATIVES

JULY 28, 2010

Mr. OBERSTAR (for himself and Ms. EDDIE BERNICE JOHNSON of Texas) introduced the following bill; which was referred to the Committee on Transportation and Infrastructure

A BILL

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

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4 (a) SHORT TITLE.—This Act may be cited as the
5 “Water Resources Development Act of 2010”.

6 (b) TABLE OF CONTENTS.—The table of contents for
7 this Act is as follows:

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

TITLE I—WATER RESOURCES PROJECTS

- Sec. 1001. Project authorizations.
- Sec. 1002. Small projects for flood damage reduction.
- Sec. 1003. Small projects for emergency streambank protection.
- Sec. 1004. Small projects for navigation.
- Sec. 1005. Small projects for improvement of the quality of the environment.
- Sec. 1006. Small projects for aquatic ecosystem and estuary restoration.
- Sec. 1007. Small projects for shoreline protection.
- Sec. 1008. Small projects for aquatic plant control.

TITLE II—GENERAL PROVISIONS

- Sec. 2001. Credit for in-kind contributions.
- Sec. 2002. Fish and wildlife mitigation.
- Sec. 2003. Remote and subsistence harbors.
- Sec. 2004. Revision of project partnership agreement.
- Sec. 2005. Independent peer review.
- Sec. 2006. Safety assurance review.
- Sec. 2007. Funding for harbor maintenance programs.
- Sec. 2008. Funding to process permits.
- Sec. 2009. Project modifications for improvement of environment.
- Sec. 2010. Aquatic ecosystem and estuary restoration.
- Sec. 2011. Operation and maintenance of navigation and hydroelectric facilities.
- Sec. 2012. Repeal.
- Sec. 2013. Cost estimates for feasibility reports.
- Sec. 2014. Mitigation status report.

TITLE III—PROJECT-RELATED PROVISIONS

- Sec. 3001. Douglas Harbor, Juneau, Alaska.
- Sec. 3002. Nogales Wash and tributaries flood control project, Arizona.
- Sec. 3003. Rio de Flag, Arizona.
- Sec. 3004. Tres Rios, Arizona.
- Sec. 3005. Russian River project, Sonoma County, California.
- Sec. 3006. South Sacramento County streams, California.
- Sec. 3007. Chatfield Reservoir, Colorado.
- Sec. 3008. Rio Grande environmental management program, Colorado, New Mexico, and Texas.
- Sec. 3009. Potomac River, Washington, District of Columbia.
- Sec. 3010. Kissimmee River restoration, Florida.
- Sec. 3011. Ponce de Leon Inlet, Florida.
- Sec. 3012. Savannah Harbor expansion, Georgia.
- Sec. 3013. Chicago Sanitary and Ship Canal dispersal barriers project, Illinois.
- Sec. 3014. Lower Ohio River, Illinois and Kentucky.
- Sec. 3015. Wood River levee system reconstruction, Madison County, Illinois.
- Sec. 3016. Little Calumet River, Indiana.
- Sec. 3017. Rhodes Point Jetty, Smith Island, Maryland.
- Sec. 3018. Muddy River, Brookline and Boston, Massachusetts.
- Sec. 3019. Ada, Minnesota.
- Sec. 3020. Montevideo, Minnesota.
- Sec. 3021. Two Harbors, Minnesota.
- Sec. 3022. Blue River basin, Kansas City, Missouri.

- Sec. 3023. Lower Assumpink Creek, Trenton, New Jersey.
- Sec. 3024. Ocean Gate, Ocean County, New Jersey.
- Sec. 3025. Orchard Beach, Bronx, New York.
- Sec. 3026. Spring Creek, New York.
- Sec. 3027. Hocking River basin, Monday Creek, Ohio.
- Sec. 3028. Lower Columbia River and Tillamook Bay ecosystem restoration,
Oregon and Washington.
- Sec. 3029. Corpus Christi Ship Channel, Corpus Christi, Texas.
- Sec. 3030. Dallas Floodway, Dallas, Texas.
- Sec. 3031. Houston-Galveston navigation channels, Texas.
- Sec. 3032. Project reauthorizations.
- Sec. 3033. Project deauthorizations.

TITLE IV—STUDIES

- Sec. 4001. Hollis, Alaska.
- Sec. 4002. Bullard Wash, Goodyear, Arizona.
- Sec. 4003. Lower Santa Cruz River, Casa Grande, Arizona.
- Sec. 4004. Maricopa County, Arizona.
- Sec. 4005. Ouachita River, Ouachita, Union, and Ashley Counties, Arkansas.
- Sec. 4006. Oil Trough, Arkansas.
- Sec. 4007. Randolph County, Arkansas.
- Sec. 4008. Berkeley Marina, Berkeley, California.
- Sec. 4009. Chelsea Wetlands, Hercules, California.
- Sec. 4010. Colorado Lagoon and Alamos Bay, Long Beach, California.
- Sec. 4011. Lodi Lake, Lodi, California.
- Sec. 4012. Oakland-Inner Harbor Tidal Canal, Oakland, California.
- Sec. 4013. Noyo Harbor District, Noyo, California.
- Sec. 4014. Port of San Francisco, San Francisco, California.
- Sec. 4015. Redwood City Navigation Channel, California.
- Sec. 4016. Rialto Channel and Cactus Channel, Rialto, California.
- Sec. 4017. Sacramento Regional Sanitation District, Sacramento, California.
- Sec. 4018. San Pablo Bay, Hercules, California.
- Sec. 4019. Stockton, California.
- Sec. 4020. Tijuana River environmental restoration, San Diego, California.
- Sec. 4021. Tijuana River wetlands restoration, San Diego County, California.
- Sec. 4022. Ventura River, Ventura County, California.
- Sec. 4023. Willowbrook, Los Angeles County, California.
- Sec. 4024. Fountain Spring watershed, Pueblo, Colorado.
- Sec. 4025. Ralston Creek, Arvada, Colorado.
- Sec. 4026. Holly Pond and Norotan River, Stamford, Connecticut.
- Sec. 4027. Housatonic River, New Milford, Connecticut.
- Sec. 4028. Long Island Sound and Mill River, Stamford, Connecticut.
- Sec. 4029. Meriden, Connecticut.
- Sec. 4030. South Cove, Old Saybrook, Connecticut.
- Sec. 4031. West River, New Haven Harbor, West Haven, Connecticut.
- Sec. 4032. Chesapeake Bay, Delaware, Maryland, and Virginia.
- Sec. 4033. Washington, District of Columbia.
- Sec. 4034. Lake County, Florida.
- Sec. 4035. Marion County, Florida.
- Sec. 4036. Miami, Florida.
- Sec. 4037. Oakland Park, Florida.
- Sec. 4038. Riviera Beach, Florida.
- Sec. 4039. South Daytona, Florida.
- Sec. 4040. Tampa, Florida.

- Sec. 4041. Peavine Creek, Decatur, Georgia.
- Sec. 4042. Richland Creek, Lawrenceville, Georgia.
- Sec. 4043. Study for water supply, Georgia.
- Sec. 4044. Suwannee Creek, Lawrenceville, Georgia.
- Sec. 4045. Agat and Merizo, Guam.
- Sec. 4046. Waiakea Stream and Palai Stream, Hilo, Hawaii.
- Sec. 4047. Waialua-Kaiaka watershed, Oahu, Hawaii.
- Sec. 4048. Albany Park, Chicago, Illinois.
- Sec. 4049. Carpenter Creek, Carpentersville, Illinois.
- Sec. 4050. Des Plaines River, Cook County, Illinois.
- Sec. 4051. Ferson-Otter Creek Dam, St. Charles, Illinois.
- Sec. 4052. Middle Mississippi River, Illinois and Missouri.
- Sec. 4053. North Branch of the Chicago River, Chicago, Illinois.
- Sec. 4054. River Park and Ronan Park, North Branch of the Chicago River, Chicago, Illinois.
- Sec. 4055. Thillens Park, North Branch of the Chicago River, Chicago, Illinois.
- Sec. 4056. Village of Skokie, Illinois.
- Sec. 4057. Bowman Creek, South Bend, Indiana.
- Sec. 4058. Lake Michigan watershed, Indiana.
- Sec. 4059. Burlington, Iowa.
- Sec. 4060. Beneficial use of dredged material, Louisiana and Mississippi.
- Sec. 4061. Jesuit Bend, Plaquemines Parish, Louisiana.
- Sec. 4062. LaBranche Wetlands, St. Charles and St. John Counties, Louisiana.
- Sec. 4063. Ruth Canal freshwater diversion, Vermilion, Louisiana.
- Sec. 4064. Anacostia River watershed, Prince George's County, Maryland.
- Sec. 4065. Chesapeake Bay Shoreline study, Maryland, Pennsylvania, and Virginia.
- Sec. 4066. Dredged material disposal, Baltimore Harbor, Maryland.
- Sec. 4067. Mid-Chesapeake Bay Island recreation and public access, Maryland.
- Sec. 4068. Capisie Brook, Portland, Maine.
- Sec. 4069. Fishing and Gooseberry Islands, Kittery, Maine.
- Sec. 4070. Southern Maine/New Hampshire dredged material disposal study, Maine and New Hampshire.
- Sec. 4071. Assabet, Charles, and Sudbury watersheds, Middlesex and Essex Counties, Massachusetts.
- Sec. 4072. Hoosic River watershed, North Adams, Massachusetts.
- Sec. 4073. Mystic River watershed, Massachusetts.
- Sec. 4074. Quequechan River, Fall River, Massachusetts.
- Sec. 4075. Clinton River, Clinton Township, Michigan.
- Sec. 4076. Hamilton Dam, Flint, Michigan.
- Sec. 4077. Upper Peninsula Flood Recovery, Michigan.
- Sec. 4078. Amory, Mississippi.
- Sec. 4079. Coastal Mississippi ecosystem restoration, Mississippi.
- Sec. 4080. Fulton, Mississippi.
- Sec. 4081. Gulfport, Mississippi.
- Sec. 4082. Lucedale, Mississippi.
- Sec. 4083. Magby Creek and Vernon Branch, Lowndes County, Mississippi.
- Sec. 4084. Blue River basin, Kansas City, Missouri.
- Sec. 4085. Little Blue River, Jackson County, Missouri.
- Sec. 4086. St. Louis, Missouri.
- Sec. 4087. Las Vegas Wash, Las Vegas, Nevada.
- Sec. 4088. New Hampshire.
- Sec. 4089. Piscataqua River, New Hampshire.
- Sec. 4090. Barnegat Bay watershed, Ocean and Monmouth Counties, New Jersey.

- Sec. 4091. Beverly, New Jersey.
- Sec. 4092. Borough of Pine Beach, New Jersey.
- Sec. 4093. Haddon Township, New Jersey.
- Sec. 4094. Rahway River watershed, New Jersey.
- Sec. 4095. Third River, Belleville, Bloomfield, and Nutley, New Jersey.
- Sec. 4096. Passaic River Channel, Nutley, New Jersey.
- Sec. 4097. Township of Ocean, New Jersey.
- Sec. 4098. Preakness Brook, Wayne, New Jersey.
- Sec. 4099. Dona Ana, New Mexico.
- Sec. 4100. Hidalgo County, New Mexico.
- Sec. 4101. Otero County, New Mexico.
- Sec. 4102. Valencia County, New Mexico.
- Sec. 4103. Glen Cove, New York.
- Sec. 4104. Hawtree basin, Hamilton Beach, New York.
- Sec. 4105. Kill van Kull, Port Richmond, Staten Island, New York.
- Sec. 4106. Mariners Marsh and Arlington Marsh, Staten Island, New York.
- Sec. 4107. New York, New York.
- Sec. 4108. Norton Basin Inlet, Far Rockaway, New York.
- Sec. 4109. Queens, New York.
- Sec. 4110. Rockaway Beach Seawall, Rockaway, New York.
- Sec. 4111. Roosevelt island, East River, New York, New York.
- Sec. 4112. Charlotte, North Carolina.
- Sec. 4113. Nantahala River, Swain, North Carolina.
- Sec. 4114. Missouri River and tributaries, South and Central North Dakota,
North Dakota.
- Sec. 4115. Big Creek watershed, Ohio.
- Sec. 4116. Brandywine Creek watershed, Ohio.
- Sec. 4117. Carlisle Township, Lorain County, Ohio.
- Sec. 4118. Cuyahoga River watershed and Tuscarawas River watershed, Sum-
mit County, Ohio.
- Sec. 4119. Euclid Creek watershed, Ohio.
- Sec. 4120. Healy Creek, Brunswick, Ohio.
- Sec. 4121. Lower Maumee River, Toledo, Ohio.
- Sec. 4122. Ohio River, Ohio.
- Sec. 4123. Shaker Lakes, Shaker Heights and Cleveland Heights, Ohio.
- Sec. 4124. Stark County, Ohio.
- Sec. 4125. Tinkers Creek watershed, Ohio.
- Sec. 4126. Upper Tuscarawas River, Cuyahoga County, Ohio.
- Sec. 4127. West Creek watershed, Ohio.
- Sec. 4128. Yellow Creek and Short Creek, Jefferson County, Ohio.
- Sec. 4129. Ferry Creek Reservoir, Brookings, Oregon.
- Sec. 4130. Oregon Navigation Jetties and Breakwaters, Oregon.
- Sec. 4131. Port Orford, Oregon.
- Sec. 4132. Buhl Lake, Sharon, Pennsylvania.
- Sec. 4133. Delaware River and tributaries, Bucks County, Pennsylvania.
- Sec. 4134. Elk Creek, Meadville, Pennsylvania.
- Sec. 4135. Mill Creek, Erie, Pennsylvania.
- Sec. 4136. Susquehanna River, Pennsylvania.
- Sec. 4137. Western Pennsylvania flood damage reduction.
- Sec. 4138. Guayama, Puerto Rico.
- Sec. 4139. Rincon, Puerto Rico.
- Sec. 4140. Providence, Rhode Island.
- Sec. 4141. South Carolina.
- Sec. 4142. James River, South Dakota.
- Sec. 4143. Station Camp Creek, Gallatin, Tennessee.

1 out by the Secretary substantially in accordance with the
2 plans, and subject to the conditions, described in the re-
3 spective reports designated in this section:

4 (1) MID-CHESAPEAKE BAY ISLAND ECOSYSTEM
5 RESTORATION PROJECT, CHESAPEAKE BAY, DOR-
6 CHESTER COUNTY, MARYLAND.—The project for eco-
7 system restoration, Mid-Chesapeake Bay Island Eco-
8 system Restoration Project, Chesapeake Bay, Dor-
9 chester County, Maryland: Report of the Chief of
10 Engineers dated August 24, 2009, at a total cost of
11 \$1,612,000,000, with an estimated Federal cost of
12 \$1,045,000,000 and an estimated non-Federal cost
13 of \$567,000,000.

14 (2) MISSISSIPPI COASTAL IMPROVEMENTS PRO-
15 GRAM, HANCOCK, HARRISON, AND JACKSON COUN-
16 TIES, MISSISSIPPI.—The project for hurricane and
17 storm damage reduction, Mississippi Coastal Im-
18 provements Program, Hancock, Harrison, and Jack-
19 son Counties, Mississippi: Report of the Chief of En-
20 gineers dated September 15, 2009, at a total cost of
21 \$1,182,600,000, with an estimated Federal cost of
22 \$746,750,000 and an estimated non-Federal cost of
23 \$435,850,000.

24 (3) WEST ONSLOW BEACH AND NEW RIVER
25 INLET (TOPSAIL BEACH), PENDER COUNTY, NORTH

1 CAROLINA.—The project for hurricane and storm
2 damage reduction, West Onslow Beach and New
3 River Inlet (Topsail Beach), Pender County, North
4 Carolina: Report of the Chief of Engineers dated
5 September 28, 2009, at a total cost of \$32,131,000,
6 with an estimated Federal cost of \$20,708,000 and
7 an estimated non-Federal cost of \$11,423,000, and
8 at an estimated total cost of \$113,904,000 for peri-
9 odic beach nourishment over the 50-year life of the
10 project, with an estimated Federal cost of
11 \$56,952,000 and an estimated non-Federal cost of
12 \$56,952,000.

13 **SEC. 1002. SMALL PROJECTS FOR FLOOD DAMAGE REDUC-**
14 **TION.**

15 The Secretary shall conduct a study for each of the
16 following projects and, if the Secretary determines that
17 a project is feasible, may carry out the project under sec-
18 tion 205 of the Flood Control Act of 1948 (33 U.S.C.
19 701s):

20 (1) DEL ROSA CHANNEL, SAN BERNADINO,
21 CALIFORNIA.—Project for flood damage reduction,
22 Del Rosa Channel, San Bernadino, California.

23 (2) LAGUNA CREEK, VACAVILLE, CALI-
24 FORNIA.—Project for flood damage reduction, La-
25 guna Creek, Vacaville, California.

1 (3) ULATIS CREEK, VACAVILLE, CALIFORNIA.—
2 Project for flood damage reduction, Ulatis Creek,
3 Vacaville, California.

4 (4) SANDERSON GULCH, DENVER, COLORADO.—
5 Project for flood damage reduction, Sanderson
6 Gulch, Denver, Colorado.

7 (5) WILLOW CREEK, CREEDE, COLORADO.—
8 Project for flood damage reduction, Willow Creek,
9 Creede, Colorado.

10 (6) BIG ECON RIVER, ORANGE, FLORIDA.—
11 Project for flood damage reduction, Big Econ River,
12 Orange, Florida.

13 (7) BAY GALL CREEK, WARNER ROBBINS, GEOR-
14 GIA.—Project for flood damage reduction, Bay Gall
15 Creek, Warner Robbins, Georgia.

16 (8) DES PLAINES RIVER, PARK RIDGE, ILLI-
17 NOIS.—Project for flood damage reduction, Des
18 Plaines River, Park Ridge, Illinois.

19 (9) KISHWAUKEE RIVER, DEKALB, ILLINOIS.—
20 Project for flood damage reduction, Kishwaukee
21 River, DeKalb, Illinois.

22 (10) NAVAJO CREEK, PALOS HEIGHTS, ILLI-
23 NOIS.—Project for flood damage reduction, Navajo
24 Creek, Palos Heights, Illinois.

1 (11) STONY CREEK, OAK LAWN, ILLINOIS.—
2 Project for flood damage reduction, Stony Creek,
3 Oak Lawn, Illinois.

4 (12) VICINITY OF THE 71ST STREET DITCH,
5 JUSTICE, ILLINOIS.—Project for flood damage re-
6 duction, in the vicinity of the 71st Street Ditch, Jus-
7 tice, Illinois.

8 (13) WEST BRANCH OF MILL CREEK, PALOS
9 PARK, ILLINOIS.—Project for flood damage reduc-
10 tion, West Branch of Mill Creek, Palos Park, Illi-
11 nois.

12 (14) DRY RUN CREEK, WATERLOO, IOWA.—
13 Project for flood damage reduction, Dry Run Creek,
14 Waterloo, Iowa.

15 (15) POND MILL AND BLACK POND CREEK,
16 LOUISVILLE, KENTUCKY.—Project for flood damage
17 reduction, Pond Mill and Black Pond Creek, Louis-
18 ville, Kentucky.

19 (16) BALTIMORE CITY, MARYLAND.—Project
20 for flood damage reduction, Baltimore City, Mary-
21 land, in the vicinity of Druid Hill Park.

22 (17) PINE TREE BROOK, AVON, MASSACHU-
23 SETTS.—Project for flood damage reduction, Pine
24 Tree Brook, Avon, Massachusetts.

1 (18) PINE TREE BROOK, MILTON, MASSACHU-
2 SETTS.—Project for flood damage reduction, Pine
3 Tree Brook, Milton, Massachusetts.

4 (19) HARDING CANAL SEAWALL, DETROIT,
5 MICHIGAN.—Project for flood damage reduction,
6 Harding Canal Seawall, Detroit, Michigan.

7 (20) BIG RIVER, JEFFERSON, MISSOURI.—
8 Project for flood damage reduction, Big River, Jef-
9 ferson, Missouri.

10 (21) SAW MILL RIVER BASIN, GREEHBURGH,
11 NEW YORK.—Project for flood damage reduction,
12 Saw Mill River basin, Greehburgh, New York.

13 (22) SPARKILL CREEK, ORANGETOWN, NEW
14 YORK.—Project for flood damage reduction, Sparkill
15 Creek, Orangetown, New York.

16 (23) INDEPENDENCE, OHIO.—Project for flood
17 damage reduction, Independence, Ohio.

18 (24) VALLEY VIEW, OHIO.—Project for flood
19 damage reduction, Valley View, Ohio.

20 (25) WINYEH BAY, GEORGETOWN, SOUTH CARO-
21 LINA.—Project for flood damage reduction, Winyeh
22 Bay, Georgetown, South Carolina.

23 (26) DEL RIO, VAL VERDE, TEXAS.—Project for
24 flood damage reduction, Del Rio, Val Verde, Texas.

1 (27) CRAFORD BAY SEAWALL, PORTSMOUTH,
2 VIRGINIA.—Project for flood damage reduction,
3 Craford Bay Seawall, Portsmouth, Virginia.

4 (28) SOUTHERN BRANCH OF THE ELIZABETH
5 RIVER, PORTSMOUTH, VIRGINIA.—Project for flood
6 damage reduction, Southern Branch of the Elizabeth
7 River, Portsmouth, Virginia.

8 (29) ROXBURY AND WESTPOINT TOWNSHIPS,
9 WISCONSIN.—Project for flood damage reduction,
10 Roxbury and Westpoint Townships, Wisconsin.

11 **SEC. 1003. SMALL PROJECTS FOR EMERGENCY**
12 **STREAMBANK PROTECTION.**

13 The Secretary shall conduct a study for each of the
14 following projects and, if the Secretary determines that
15 a project is feasible, may carry out the project under sec-
16 tion 14 of the Flood Control Act of 1946 (33 U.S.C.
17 701r):

18 (1) NAKNEK RIVER, NAKNEK, ALASKA.—Project
19 for emergency streambank protection, Naknek River,
20 Naknek, Alaska.

21 (2) QUINNIPIAC RIVER, NEW HAVEN, CON-
22 NECTICUT.—Project for emergency streambank pro-
23 tection, Quinnipiac River, New Haven, Connecticut.

1 (3) BISCAYNE BAY, NORTH BAY VILLAGE,
2 FLORIDA.—Project for emergency streambank pro-
3 tection, Biscayne Bay, North Bay Village, Florida.

4 (4) BRONX RIVER, NEW YORK, NEW YORK.—
5 Project for emergency streambank protection, Bronx
6 River, New York, New York.

7 (5) OHIO RIVER, IRONTON, OHIO.—Project for
8 emergency streambank protection, Ohio River, Iron-
9 ton, Ohio.

10 (6) NEWPORT, RHODE ISLAND.—Project for
11 emergency streambank protection, Newport, Rhode
12 Island.

13 (7) TIVERTON, RHODE ISLAND.—Project for
14 emergency streambank protection, Tiverton, Rhode
15 Island.

16 **SEC. 1004. SMALL PROJECTS FOR NAVIGATION.**

17 The Secretary shall conduct a study for each of the
18 following projects and, if the Secretary determines that
19 a project is feasible, may carry out the project under sec-
20 tion 107 of the River and Harbor Act of 1960 (33 U.S.C.
21 577):

22 (1) DETROIT RIVER, WYANDOTTE, MICHIGAN.—
23 Project for navigation, Detroit River, Wyandotte,
24 Michigan.

1 (2) STOUTS CREEK, LACEY TOWNSHIP, NEW
2 JERSEY.—Project for navigation, Stouts Creek,
3 Lacey Township, New Jersey.

4 (3) BROWN'S RIVER, NASSAU COUNTY, NEW
5 YORK.—Project for navigation, Brown's River, Nas-
6 sau County, New York.

7 (4) DETROIT HARBOR, WISCONSIN.—Project for
8 navigation, Detroit Harbor, Wisconsin.

9 **SEC. 1005. SMALL PROJECTS FOR IMPROVEMENT OF THE**
10 **QUALITY OF THE ENVIRONMENT.**

11 The Secretary shall conduct a study for each of the
12 following projects and, if the Secretary determines that
13 a project is appropriate, may carry out the project under
14 section 1135 of the Water Resources Development Act of
15 1986 (33 U.S.C. 2309a):

16 (1) RHEEM CREEK, CONTRA COSTA COUNTY,
17 CALIFORNIA.—Project for improvement of the qual-
18 ity of the environment, Rheem Creek, Contra Costa
19 County, California.

20 (2) RODEO CREEK, CONTRA COSTA COUNTY,
21 CALIFORNIA.—Project for improvement of the qual-
22 ity of the environment, Rodeo Creek, Contra Costa
23 County, California.

1 **SEC. 1006. SMALL PROJECTS FOR AQUATIC ECOSYSTEM**
2 **AND ESTUARY RESTORATION.**

3 The Secretary shall conduct a study for each of the
4 following projects and, if the Secretary determines that
5 a project is appropriate, may carry out the project under
6 section 206 of the Water Resources Development Act of
7 1996 (33 U.S.C. 2330):

8 (1) EMERYVILLE HARBOR, EMERYVILLE, CALI-
9 FORNIA.—Project for aquatic ecosystem and estuary
10 restoration, Emeryville Harbor, Emeryville, Cali-
11 fornia.

12 (2) LOS ANGELES RIVER, CUDAHY, CALI-
13 FORNIA.—Project for aquatic ecosystem and estuary
14 restoration, Los Angeles River, Cudahy, California.

15 (3) LAGUNA SALADA, PACIFICA, CALIFORNIA.—
16 Project for aquatic ecosystem and estuary restora-
17 tion, Laguna Salada, Pacifica, California.

18 (4) ANIMAS RIVER, LA PLATA, COLORADO.—
19 Project for aquatic ecosystem and estuary restora-
20 tion, Animas River, La Plata, Colorado.

21 (5) NORTH FORK OF THE GUNNISON RIVER,
22 DELTA, COLORADO.—Project for aquatic ecosystem
23 and estuary restoration, North Fork of the Gunni-
24 son River, Delta, Colorado.

25 (6) LINE AND CANE CREEKS, HENRY COUNTY,
26 GEORGIA.—Project for aquatic ecosystem and estu-

1 ary restoration, Line and Cane Creeks, Henry Coun-
2 ty, Georgia.

3 (7) BREMME CREEK, DUPAGE, ILLINOIS.—
4 Project for aquatic ecosystem and estuary restora-
5 tion, Bremme Creek, DuPage, Illinois.

6 (8) BLACKBERRY CREEK, KENDALL, ILLI-
7 NOIS.—Project for aquatic ecosystem and estuary
8 restoration, Blackberry Creek, Kendall, Illinois.

9 (9) GOMPERS PARK, NORTH BRANCH CHICAGO
10 RIVER, ILLINOIS.—Project for aquatic ecosystem and
11 estuary restoration, Gompers Park, North Branch
12 Chicago River, Illinois.

13 (10) KANKAKEE RIVER, WILL COUNTY, ILLI-
14 NOIS.—Project for aquatic ecosystem and estuary
15 restoration, Kankakee River, Will County, Illinois.

16 (11) PRAIRIE CREEK WATERSHED, WILL COUN-
17 TY, ILLINOIS.—Project for aquatic ecosystem and es-
18 tuary restoration, Prairie Creek Watershed, Will
19 County, Illinois.

20 (12) WEST BRANCH OF THE DUPAGE RIVER,
21 DUPAGE, ILLINOIS.—Project for aquatic ecosystem
22 and estuary restoration, West Branch of the
23 DuPage River, DuPage, Illinois.

24 (13) LONG CREEK WATERSHED, CUMBERLAND,
25 MAINE.—Project for aquatic ecosystem and estuary

1 restoration, Long Creek Watershed, Cumberland,
2 Maine.

3 (14) CABIN BRANCH WATERSHED, PRINCE
4 GEORGE'S COUNTY, MARYLAND.—Project for aquatic
5 ecosystem and estuary restoration, Cabin Branch
6 Watershed, Prince George's County, Maryland.

7 (15) LITTLE PAINT BRANCH STREAM, PRINCE
8 GEORGE'S COUNTY, MARYLAND.—Project for aquatic
9 ecosystem and estuary restoration, Little Paint
10 Branch Stream, Prince George's County, Maryland.

11 (16) LOWER BEAVERDAM CREEK, PRINCE
12 GEORGE'S COUNTY, MARYLAND.—Project for aquatic
13 ecosystem and estuary restoration, Lower
14 Beaverdam Creek, Prince George's County, Mary-
15 land.

16 (17) NORTHEAST ANACOSTIA RIVER, PRINCE
17 GEORGE'S COUNTY, MARYLAND.—Project for aquatic
18 ecosystem and estuary restoration, Northeast Ana-
19 costia River, Prince George's County, Maryland.

20 (18) NORTHWEST ANACOSTIA RIVER, PRINCE
21 GEORGE'S COUNTY, MARYLAND.—Project for aquatic
22 ecosystem and estuary restoration, Northwest Ana-
23 costia River, Prince George's County, Maryland.

24 (19) ASSABET RIVER, MIDDLESEX AND
25 WORCESTER, MASSACHUSETTS.—Project for aquatic

1 ecosystem and estuary restoration, Assabet River,
2 Middlesex and Worcester, Massachusetts.

3 (20) LEWIS BAY, YARMOUTH, MASSACHU-
4 SETTS.—Project for aquatic ecosystem and estuary
5 restoration, Lewis Bay, Yarmouth, Massachusetts.

6 (21) PIG'S EYE LAKE, ST. PAUL, MINNESOTA.—
7 Project for aquatic ecosystem and estuary restora-
8 tion, Pig's Eye Lake, St. Paul, Minnesota.

9 (22) BARNEGAT BAY, OCEAN COUNTY, NEW
10 JERSEY.—Project for aquatic ecosystem and estuary
11 restoration, Barnegat Bay, Ocean County, New Jer-
12 sey.

13 (23) BRANCHPORT CREEK, OCEANPORT BOR-
14 OUGH, NEW JERSEY.—Project for aquatic ecosystem
15 and estuary restoration, Branchport Creek,
16 Oceanport Borough, New Jersey.

17 (24) HACKENSACK RIVER, HUDSON COUNTY,
18 NEW JERSEY.—Project for aquatic ecosystem and
19 estuary restoration, Hackensack River, Hudson
20 County, New Jersey.

21 (25) LAKE TOPANEMUS, FREEHOLD, NEW JER-
22 SEY.—Project for aquatic ecosystem and estuary
23 restoration, Lake Topanemus, Freehold, New Jer-
24 sey.

1 (26) LAS CRUCES DAM, DONA ANA, NEW MEX-
2 ICO.—Project for aquatic ecosystem and estuary res-
3 toration, Las Cruces Dam, Dona Ana, New Mexico.

4 (27) PUGSLEY CREEK, CASTLE HILL, NEW
5 YORK.—Project for aquatic ecosystem and estuary
6 restoration, Pugsley Creek, Castle Hill, New York.

7 (28) OLENTANGY RIVER, FRANKLIN, OHIO.—
8 Project for aquatic ecosystem and estuary restora-
9 tion, Olentangy River, Franklin, Ohio.

10 (29) SCIOTO RIVER, FRANKLIN, OHIO.—Project
11 for aquatic ecosystem and estuary restoration, Scioto
12 River, Franklin, Ohio.

13 (30) WOONASQUATUCKET RIVER, PROVIDENCE,
14 RHODE ISLAND.—Project for aquatic ecosystem and
15 estuary restoration, Woonasquatucket River, Provi-
16 dence, Rhode Island.

17 (31) CLAYTOR LAKE, PULASKI, VIRGINIA.—
18 Project for aquatic ecosystem and estuary restora-
19 tion, Claytor Lake, Pulaski, Virginia.

20 **SEC. 1007. SMALL PROJECTS FOR SHORELINE PROTEC-**
21 **TION.**

22 The Secretary shall conduct a study for each of the
23 following projects and, if the Secretary determines that
24 a project is feasible, may carry out the project under sec-
25 tion 3 of the Act entitled “An Act authorizing Federal

1 participation in the cost of protecting the shores of pub-
2 licly owned property”, approved August 13, 1946 (33
3 U.S.C. 426g):

4 (1) DEERFIELD BEACH, BROWARD COUNTY,
5 FLORIDA.—Project for shoreline protection, Deer-
6 field Beach, Broward County, Florida.

7 (2) BARNEGAT, OCEAN COUNTY, NEW JER-
8 SEY.—Project for shoreline protection, Barnegat,
9 Ocean County, New Jersey.

10 (3) MANHASSET BAY, PORT WASHINGTON, NEW
11 YORK.—Project for shoreline protection, Manhasset
12 Bay, Port Washington, New York.

13 **SEC. 1008. SMALL PROJECTS FOR AQUATIC PLANT CON-**
14 **TROL.**

15 (a) IN GENERAL.—The Secretary is authorized to
16 carry out a project for aquatic nuisance plant control in
17 the Republican River basin, Colorado, under section 104
18 of the River and Harbor Act of 1958 (33 U.S.C. 610).

19 (b) SPECIAL RULE.—In carrying out the project
20 under subsection (a), the Secretary may control and eradi-
21 cate riverine nuisance plants.

22 **TITLE II—GENERAL PROVISIONS**

23 **SEC. 2001. CREDIT FOR IN-KIND CONTRIBUTIONS.**

24 (a) LIMITATION; SAVINGS PROVISION.—Section
25 221(a)(4)(E) of the Flood Control Act of 1970 (42 U.S.C.

1 1962d–5b(a)(4)(E)) is amended by striking clause (ii) and
2 inserting the following:

3 “(ii) LIMITATION.—In any case in
4 which a specific provision of law provides
5 for a non-Federal interest to receive credit
6 toward the non-Federal share of the cost
7 of a study for, or construction or operation
8 and maintenance of, a water resources
9 project, the Secretary shall apply—

10 “(I) the specific provision of law
11 instead of this paragraph; or

12 “(II) at the request of the non-
13 Federal interest, the specific provision
14 of law and such provisions of this
15 paragraph as the non-Federal interest
16 may request.

17 “(iii) SAVINGS PROVISION.—Nothing
18 in this subparagraph affects the applica-
19 bility of subsection (a)(4)(C).”.

20 (b) WATER RESOURCES PROJECT DEFINED.—Sec-
21 tion 221(b) of such Act (42 U.S.C. 1962d–5b(b)) is
22 amended—

23 (1) by redesignating paragraphs (1) and (2) as
24 subparagraphs (A) and (B), respectively;

1 (2) by moving subparagraphs (A) and (B) (as
2 so redesignated) 2 ems to the right;

3 (3) by striking “(b)” and all that follows
4 through “The term” and inserting the following:

5 “(b) DEFINITIONS.—In this section, the following
6 definitions apply:

7 “(1) NON-FEDERAL INTEREST.—The term”;
8 and

9 (4) by adding at the end the following:

10 “(2) WATER RESOURCES PROJECT.—The term
11 ‘water resources project’ includes projects studied,
12 reviewed, designed, constructed, operated and main-
13 tained, or otherwise subject to Federal participation
14 under the authority of the civil works program of
15 the Secretary of the Army for the purposes of navi-
16 gation, flood damage reduction, ecosystem restora-
17 tion, hurricane and storm damage reduction, water
18 supply, recreation, hydroelectric power, fish and
19 wildlife conservation, water quality, environmental
20 infrastructure, resource protection and development,
21 and related purposes.”.

22 (c) TECHNICAL CORRECTION.—Section 221(c) of
23 such Act (42 U.S.C. 1962d–5b(c)) is amended by striking
24 “enforcible” and inserting “enforceable”.

1 **SEC. 2002. FISH AND WILDLIFE MITIGATION.**

2 (a) **MITIGATION PLANS AS PART OF PROJECT PRO-**
3 **POSALS.**—Section 906(d)(1) of the Water Resources De-
4 velopment Act of 1986 (33 U.S.C. 2283(d)(1)) is amend-
5 ed—

6 (1) in the first sentence—

7 (A) by inserting “for damages to ecological
8 resources, including terrestrial and aquatic re-
9 sources, and” after “mitigate”;

10 (B) by inserting “ecological resources and”
11 after “impact on”; and

12 (C) by inserting “without the implementa-
13 tion of mitigation measures” before the period;
14 and

15 (2) by inserting before the last sentence the fol-
16 lowing: “If the Secretary determines that mitigation
17 to in-kind conditions is not possible, the Secretary
18 shall identify in the report the basis for that deter-
19 mination.”.

20 (b) **MITIGATION REQUIREMENTS.**—Section
21 906(d)(3)(A) of such Act (33 U.S.C. 2283(d)(3)(A)) is
22 amended by inserting “, at a minimum,” after “complies
23 with”.

1 **SEC. 2003. REMOTE AND SUBSISTENCE HARBORS.**

2 Section 2006 of the Water Resources Development
3 Act of 2007 (33 U.S.C. 2242) is amended by adding at
4 the end the following:

5 “(c) APPLICABILITY.—This section shall apply to
6 project studies that include—

7 “(1) a feasibility study, as defined in section
8 105(d) of the Water Resources Development Act of
9 1986 (33 U.S.C. 2215(d)); or

10 “(2) a detailed project report, as defined in
11 such section 105(d) and carried out under section
12 107(a) of the River and Harbor Act of 1960 (33
13 U.S.C. 577(a)).”.

14 **SEC. 2004. REVISION OF PROJECT PARTNERSHIP AGREEMENT.**
15 **MENT.**

16 Section 2008(a) of the Water Resources Development
17 Act of 2007 (33 U.S.C. 2340(a)) is amended by adding
18 at the end the following: “This subsection shall apply with-
19 out regard to whether the original partnership agreement
20 was entered into before, on, or after the date of enactment
21 of this subsection.”.

22 **SEC. 2005. INDEPENDENT PEER REVIEW.**

23 (a) TIMING OF PEER REVIEW.—Section 2034(b) of
24 the Water Resources Development Act of 2007 (33 U.S.C.
25 2343(b)) is amended—

1 (1) by redesignating paragraph (3) as para-
2 graph (4); and

3 (2) by inserting after paragraph (2) the fol-
4 lowing:

5 “(3) REASONS FOR TIMING.—If the Chief of
6 Engineers does not initiate a peer review for a
7 project study at a time described in paragraph (2),
8 the Chief shall make publicly available, including on
9 the Internet, for each of such times the reasons for
10 not conducting the review, and shall include the rea-
11 sons in the decision document for the project
12 study.”.

13 (b) ESTABLISHMENT OF PANELS.—Section
14 2034(c)(4) of such Act (33 U.S.C. 2343(c)(4)) is amended
15 to read as follows:

16 “(4) CONGRESSIONAL AND PUBLIC NOTIFICA-
17 TION.—Upon identification of a project study for
18 peer review under this section, but prior to initiation
19 of the review by the panel of experts, the Chief of
20 Engineers shall—

21 “(A) notify the Committee on Environment
22 and Public Works of the Senate and the Com-
23 mittee on Transportation and Infrastructure of
24 the House of Representatives of the review; and

1 “(B) make publicly available, including on
2 the Internet, information on—

3 “(i) the dates scheduled for beginning
4 and ending the review;

5 “(ii) the entity that has the contract
6 for the review; and

7 “(iii) the names and qualifications of
8 the panel of experts.”.

9 (c) RECOMMENDATIONS OF PANEL.—Section 2034(f)
10 of such Act (33 U.S.C. 2343(f)) is amended by striking
11 paragraph (2) and inserting the following:

12 “(2) PUBLIC AVAILABILITY AND TRANSMITTAL
13 TO CONGRESS.—After receiving a report on a project
14 study from a panel of experts under this section, the
15 Chief of Engineers shall make available to the pub-
16 lic, including on the Internet, and transmit to the
17 Committee on Environment and Public Works of the
18 Senate and the Committee on Transportation and
19 Infrastructure of the House of Representatives—

20 “(A) a copy of the report within 3 days of
21 receiving the report; and

22 “(B) a copy of any written response of the
23 Chief of Engineers on recommendations con-
24 tained in the report within 3 days of the date
25 of the response.

1 “(3) INCLUSION IN PROJECT STUDY.—A report
2 on a project study from a panel of experts under
3 this section and the written response of the Chief of
4 Engineers shall be included in the final decision doc-
5 ument for the project study.”.

6 **SEC. 2006. SAFETY ASSURANCE REVIEW.**

7 Section 2035 of the Water Resources Development
8 Act of 2007 (33 U.S.C. 2344) is amended by adding at
9 the end the following:

10 “(i) NONAPPLICABILITY OF FACA.—The Federal
11 Advisory Committee Act (5 U.S.C. App.) shall not apply
12 to a safety assurance review conducted under this sec-
13 tion.”.

14 **SEC. 2007. FUNDING FOR HARBOR MAINTENANCE PRO-**
15 **GRAMS.**

16 (a) HARBOR MAINTENANCE TRUST FUND GUAR-
17 ANTEE.—

18 (1) IN GENERAL.—The total budget resources
19 made available from the Harbor Maintenance Trust
20 Fund each fiscal year pursuant to section 9505(c) of
21 the Internal Revenue Code of 1986 (relating to ex-
22 penditures from the Harbor Maintenance Trust
23 Fund) shall be equal to the level of receipts plus in-
24 terest credited to the Harbor Maintenance Trust
25 Fund for that fiscal year. Such amounts may be

1 used only for harbor maintenance programs de-
2 scribed in section 9505(c) of such Code.

3 (2) GUARANTEE.—No funds may be appro-
4 priated for harbor maintenance programs described
5 in such section unless the amount described in para-
6 graph (1) has been provided.

7 (b) DEFINITIONS.—In this section, the following defi-
8 nitions apply:

9 (1) TOTAL BUDGET RESOURCES.—The term
10 “total budget resources” means the total amount
11 made available by appropriations Acts from the Har-
12 bor Maintenance Trust Fund for a fiscal year for
13 making expenditures under section 9505(c) of the
14 Internal Revenue Code of 1986.

15 (2) LEVEL OF RECEIPTS PLUS INTEREST.—The
16 term “level of receipts plus interest” means the level
17 of taxes and interest credited to the Harbor Mainte-
18 nance Trust Fund under section 9505 of the Inter-
19 nal Revenue Code of 1986 for a fiscal year as set
20 forth in the President’s budget baseline projection as
21 defined in section 257 of the Balanced Budget and
22 Emergency Deficit Control Act of 1985 (Public Law
23 99–177) for that fiscal year submitted pursuant to
24 section 1105 of title 31, United States Code.

1 **SEC. 2008. FUNDING TO PROCESS PERMITS.**

2 Section 214 of the Water Resources Development Act
3 of 2000 (33 U.S.C. 2201 note; 114 Stat. 2594; 119 Stat.
4 2169; 120 Stat. 318; 120 Stat. 3197; 121 Stat. 1067; 123
5 Stat. 3478) is amended—

6 (1) in subsection (a) by striking “permits under
7 the jurisdiction” and inserting “permits of such enti-
8 ties related to projects for a public purpose under
9 the jurisdiction”;

10 (2) by redesignating subsection (c) as sub-
11 section (e);

12 (3) by striking subsection (b) and inserting the
13 following:

14 “(b) EFFECT ON PERMITTING.—

15 “(1) IN GENERAL.—In carrying out this sec-
16 tion, the Secretary shall ensure that the use of funds
17 accepted under subsection (a) will not impact impar-
18 tial decision-making with respect to permits, either
19 substantively or procedurally.

20 “(2) IMPARTIAL DECISIONMAKING.—In carrying
21 out this section, the Secretary shall ensure that the
22 evaluation of permits carried out using funds accept-
23 ed under this section shall—

24 “(A) be reviewed by the District Com-
25 mander of the Corps District in which the
26 project or activity is located, unless the evalua-

1 tion of the permit is initially conducted by the
2 District Commander whereby the review shall
3 be conducted by the Commander of the Corps
4 Division in which the District is located; and

5 “(B) utilize the same procedures for deci-
6 sions that would otherwise be required for the
7 evaluation of permits for similar projects or ac-
8 tivities not carried out using funds authorized
9 under this section.

10 “(c) LIMITATION ON USE OF FUNDS.—None of the
11 funds accepted under this section shall be used to carry
12 out a review of the evaluation of permits required under
13 subsection (b)(2)(A).

14 “(d) PUBLIC AVAILABILITY.—The Secretary shall en-
15 sure that all final permit decisions carried out using funds
16 authorized under this section are made available to the
17 public, including on the Internet.”; and

18 (4) in subsection (e) (as redesignated), by strik-
19 ing “2010” and inserting “2016”.

20 **SEC. 2009. PROJECT MODIFICATIONS FOR IMPROVEMENT**
21 **OF ENVIRONMENT.**

22 Section 1135(d) of the Water Resources Development
23 Act of 1986 (33 U.S.C. 2309a(d)) is amended by striking
24 “\$5,000,000” and inserting “\$10,000,000”.

1 **SEC. 2010. AQUATIC ECOSYSTEM AND ESTUARY RESTORA-**
2 **TION.**

3 Section 206(d) of the Water Resources Development
4 Act of 1996 (33 U.S.C. 2330(d)) is amended by striking
5 “\$5,000,000” and inserting “\$10,000,000”.

6 **SEC. 2011. OPERATION AND MAINTENANCE OF NAVIGATION**
7 **AND HYDROELECTRIC FACILITIES.**

8 Section 314 of the Water Resources Development Act
9 of 1990 (33 U.S.C. 2321) is amended to read as follows:
10 **“SEC. 314. OPERATION AND MAINTENANCE OF NAVIGATION**
11 **AND HYDROELECTRIC FACILITIES.**

12 “Activities currently performed by personnel under
13 the direction of the Secretary in connection with the oper-
14 ation and maintenance of navigation or hydroelectric
15 power generating facilities, including all personnel under
16 the direction of the Secretary in connection with the oper-
17 ation and maintenance of navigational infrastructure such
18 as floodgates, locks, and dams, at Corps of Engineers
19 water resources projects, are considered to be inherently
20 governmental functions and not commercial activities.
21 This section does not prohibit contracting out major main-
22 tenance or other functions that are currently contracted
23 out or studying services not directly connected with project
24 maintenance and operations.”.

1 **SEC. 2012. REPEAL.**

2 Section 211 of the Water Resources Development Act
3 of 2000 (31 U.S.C. 6505 note; 114 Stat. 2592) is re-
4 pealed.

5 **SEC. 2013. COST ESTIMATES FOR FEASIBILITY REPORTS.**

6 Section 905(a) of the Water Resources Development
7 Act of 1986 (33 U.S.C. 2282) is amended by adding at
8 the end the following:

9 “(5) COST ESTIMATES FOR FEASIBILITY RE-
10 PORTS.—In preparing a feasibility report under this
11 subsection, the Secretary shall include in the report,
12 and any budget documents (including justification
13 materials) submitted pursuant to section 1105(a) of
14 title 31, United States Code, an accounting of the
15 total cost of the recommended plan and an estimate
16 of the Federal and non-Federal participation in the
17 plan based on the following scenarios:

18 “(A) The cost of the project based on opti-
19 mal levels of Federal funding for the rec-
20 ommended plan.

21 “(B) The estimated cost of the project,
22 based on a 50 percent increase in the period for
23 implementation of the recommended plan.

24 “(C) The estimated cost of the project,
25 based on a 100 percent increase in the period
26 for implementation of the recommended plan.”.

1 **SEC. 2014. MITIGATION STATUS REPORT.**

2 Section 2036(b) of the Water Resources Development
3 Act of 2007 (33 U.S.C. 2283a) is amended—

4 (1) by redesignating paragraph (3) as para-
5 graph (4); and

6 (2) by inserting after paragraph (2) the fol-
7 lowing:

8 “(3) INFORMATION INCLUDED.—In reporting
9 the status of all projects included in the report, the
10 Secretary shall—

11 “(A) use a uniform methodology for deter-
12 mining the status of all projects included in the
13 report;

14 “(B) use a methodology that describes
15 both a qualitative and quantitative status for all
16 projects in the report; and

17 “(C) provide specific dates for and partici-
18 pants in the consultations required under sec-
19 tion 906(d)(4)(B) of the Water Resources De-
20 velopment Act of 1986 (33 U.S.C.
21 2283(d)(4)(B)).”.

22 **TITLE III—PROJECT-RELATED**
23 **PROVISIONS**

24 **SEC. 3001. DOUGLAS HARBOR, JUNEAU, ALASKA.**

25 The maximum amount of Federal funds that may be
26 expended for the project for navigation, Douglas Harbor,

1 Juneau, Alaska, being carried out under section 107 of
2 the River and Harbor Act of 1960 (33 U.S.C. 577), shall
3 be \$7,000,000.

4 **SEC. 3002. NOGALES WASH AND TRIBUTARIES FLOOD CON-**
5 **TROL PROJECT, ARIZONA.**

6 The project for flood control, Nogales Wash and trib-
7 utaries, Arizona, authorized by section 101(a)(4) of the
8 Water Resources Development Act of 1990 (104 Stat.
9 4606) and modified by section 303 of the Water Resources
10 Development Act of 1996 (110 Stat. 3711), section 302
11 of the Water Resources Development Act of 2000 (114
12 Stat. 2600), and section 3008 of the Water Resources De-
13 velopment Act of 2007 (121 Stat. 1107), is further modi-
14 fied to authorize the Secretary to construct the project at
15 a total cost of \$55,500,000, with an estimated Federal
16 cost of \$50,100,000 and an estimated non-Federal cost
17 of \$5,400,000.

18 **SEC. 3003. RIO DE FLAG, ARIZONA.**

19 The project for flood damage reduction, Rio de Flag,
20 Flagstaff, Arizona, authorized by section 101(b)(3) of the
21 Water Resources Development Act of 2000 (114 Stat.
22 2576) and modified by section 3007 of the Water Re-
23 sources Development Act of 2007 (121 Stat. 1107), is fur-
24 ther modified to authorize the Secretary to construct the
25 project at a total cost of \$77,000,000, with an estimated

1 Federal cost of \$50,000,000 and an estimated non-Fed-
2 eral cost of \$27,000,000.

3 **SEC. 3004. TRES RIOS, ARIZONA.**

4 The project for ecosystem restoration, Tres Rios, Ari-
5 zona, authorized by section 101(b)(4) of the Water Re-
6 sources Development Act of 2000 (114 Stat. 2577), is
7 modified to authorize the Secretary to construct the
8 project at a total cost of \$230,000,000, with an estimated
9 Federal cost of \$149,500,000 and an estimated non-Fed-
10 eral cost of \$80,500,000.

11 **SEC. 3005. RUSSIAN RIVER PROJECT, SONOMA COUNTY,**
12 **CALIFORNIA.**

13 The project for flood control, water conservation, and
14 related purposes in the Russian River basin, California,
15 authorized by section 204 of the Flood Control Act of
16 1950 (64 Stat. 177), and the project for Russian River,
17 Dry Creek, California, authorized by section 203 of the
18 Flood Control Act of 1962 (76 Stat. 1192), are modified
19 as follows:

20 (1) The Secretary shall review the biological
21 opinion on the water supply, flood control, and chan-
22 nel maintenance operations conducted by the Corps
23 of Engineers, the Sonoma County Water Agency,
24 and the Mendocino County Russian River Flood
25 Control District, as transmitted by the National

1 Oceanic and Atmospheric Administration on Sep-
2 tember 24, 2008.

3 (2) If the Secretary determines that the project
4 is feasible, the Secretary is authorized to construct
5 the project at a total cost of \$92,000,000, with an
6 estimated Federal cost of \$59,800,000 and an esti-
7 mated non-Federal cost of \$32,200,000.

8 **SEC. 3006. SOUTH SACRAMENTO COUNTY STREAMS, CALI-**
9 **FORNIA.**

10 The project for flood control, environmental restora-
11 tion, and recreation, South Sacramento County streams,
12 California, authorized by section 101(a)(8) of the Water
13 Resources Development Act of 1999 (113 Stat. 275), is
14 modified to authorize the Secretary to construct the
15 project at a total cost of \$104,300,000, with an estimated
16 Federal cost of \$67,500,000 and an estimated non-Fed-
17 eral cost of \$36,800,000.

18 **SEC. 3007. CHATFIELD RESERVOIR, COLORADO.**

19 Section 116 of the Energy and Water Development
20 and Related Agencies Appropriations Act, 2009 (123 Stat.
21 608) is amended by striking “Colorado Department of
22 Natural Resources is authorized” and inserting “Colorado
23 Department of Natural Resources, or its assignee, is au-
24 thorized”.

1 **SEC. 3008. RIO GRANDE ENVIRONMENTAL MANAGEMENT**
2 **PROGRAM, COLORADO, NEW MEXICO, AND**
3 **TEXAS.**

4 Section 5056(f) of the Water Resources Development
5 Act of 2007 (121 Stat. 1213) is amended by striking
6 “2011” and inserting “2015”.

7 **SEC. 3009. POTOMAC RIVER, WASHINGTON, DISTRICT OF**
8 **COLUMBIA.**

9 The project for flood control, Potomac River, Wash-
10 ington, District of Columbia, authorized by section 5 of
11 the Act of June 22, 1936 (chapter 688; 49 Stat. 1574)
12 and modified by section 301(a)(4) of the Water Resources
13 Development Act of 1996 (110 Stat. 3707) and section
14 309 of the Water Resources Development Act of 1999
15 (113 Stat. 301), is further modified to authorize the Sec-
16 retary to construct the project at a Federal cost of
17 \$8,100,000, in accordance with the post authorization
18 change report dated June 29, 1998.

19 **SEC. 3010. KISSIMMEE RIVER RESTORATION, FLORIDA.**

20 The project for ecosystem restoration, Kissimmee
21 River Restoration, Florida, authorized by section 101(8)
22 of the Water Resources Development Act of 1992 (106
23 Stat. 4802), is modified to authorize the Secretary to con-
24 struct the project at a total cost of \$852,000,000, with
25 an estimated Federal cost of \$426,000,000 and an esti-
26 mated non-Federal cost of \$426,000,000.

1 **SEC. 3011. PONCE DE LEON INLET, FLORIDA.**

2 The project for navigation and related purposes,
3 Ponce de Leon Inlet, Volusia County, Florida, authorized
4 by section 101(b)(8) of the Water Resources Development
5 Act of 1999 (113 Stat. 279), is modified to authorize the
6 Secretary to construct the project at a total cost of
7 \$15,000,000, with an estimated Federal cost of
8 \$8,500,000 and an estimated non-Federal cost of
9 \$6,500,000.

10 **SEC. 3012. SAVANNAH HARBOR EXPANSION, GEORGIA.**

11 The project for navigation, Savannah Harbor expan-
12 sion, Georgia, authorized by section 101(b)(9) of the
13 Water Resources Development Act of 1999 (113 Stat.
14 279), is modified to authorize the Secretary to construct
15 the project at a total cost of \$675,000,000, with an esti-
16 mated Federal cost of \$405,000,000 and an estimated
17 non-Federal cost of \$270,000,000.

18 **SEC. 3013. CHICAGO SANITARY AND SHIP CANAL DIS-**
19 **PERSAL BARRIERS PROJECT, ILLINOIS.**

20 (a) AUTHORIZATION.—Section 3061(b)(1) of the
21 Water Resources Development Act of 2007 (121 Stat.
22 1121) is amended—

23 (1) by striking subparagraph (A) and inserting
24 the following:

25 “(A) upgrade and make permanent Barrier
26 I in its current location or at an alternative lo-

1 cation, as determined appropriate by the Sec-
2 retary;”;

3 (2) in subparagraph (B) by striking “June 14,
4 2005” and inserting “November 21, 2003, as
5 amended on July 14, 2005”;

6 (3) by redesignating subparagraphs (C), (D),
7 and (E) as subparagraphs (D), (E) and (F), respec-
8 tively;

9 (4) by inserting after subparagraph (B) the fol-
10 lowing:

11 “(C) acquire real estate interests necessary
12 for the construction, operation, and mainte-
13 nance of Barrier I and Barrier II;”;

14 (5) by striking “and” at the end of subpara-
15 graph (E) (as redesignated by paragraph (3) of this
16 subsection);

17 (6) by striking the period at the end of sub-
18 paragraph (F) (as redesignated by paragraph (3) of
19 this subsection) and inserting “; and”; and

20 (7) by adding at the end the following:

21 “(G) construct additional barriers or other
22 fish deterrents at other locations in the vicinity
23 of the Chicago Area Waterway System, if deter-
24 mined appropriate by the Secretary.”.

1 (b) USE OF CREDIT.—Section 3061(b)(2) of such Act
2 (121 Stat. 1121) is amended by striking “paragraph
3 (1)(E)” and inserting “paragraph (1)(F)”.

4 (c) FEASIBILITY STUDY.—Section 3061(d) of such
5 Act (121 Stat. 1121) is amended by adding the end the
6 following: “The study shall include a fully developed anal-
7 ysis of an alternative for hydrologic separation between
8 the Great Lakes and the Mississippi River basins. The hy-
9 drologic separation alternative shall include identification
10 of measures to prevent the transfer of aquatic nuisance
11 species between the Great Lakes and the Mississippi River
12 basins through surface water.”.

13 **SEC. 3014. LOWER OHIO RIVER, ILLINOIS AND KENTUCKY.**

14 The project for navigation, Lower Ohio River, Locks
15 and Dams 52 and 53, Illinois and Kentucky, authorized
16 by section 3(a)(6) of the Water Resources Development
17 Act of 1988 (102 Stat. 4013), is modified to authorize
18 the Secretary to construct the project at a total cost of
19 \$1,991,000,000.

20 **SEC. 3015. WOOD RIVER LEVEE SYSTEM RECONSTRUCTION,**
21 **MADISON COUNTY, ILLINOIS.**

22 The project for flood damage reduction, Wood River
23 Levee System Reconstruction, Madison County, Illinois,
24 authorized by section 1001(20) of the Water Resources
25 Development Act of 2007 (121 Stat. 1053), is modified

1 to authorize the Secretary to construct the project at a
2 total cost of \$120,000,000, with an estimated Federal cost
3 of \$78,000,000 and an estimated non-Federal cost of
4 \$42,000,000.

5 **SEC. 3016. LITTLE CALUMET RIVER, INDIANA.**

6 The project for flood control, Little Calumet River,
7 Indiana, authorized by section 401(a) of the Water Re-
8 sources Development Act of 1996 (100 Stat. 4115) and
9 modified by section 127 of the Energy and Water Appro-
10 priations Act, 2006 (119 Stat. 2259), is further modified
11 to authorize the Secretary to construct the project at a
12 total cost of \$275,000,000, with an estimated Federal cost
13 of \$206,000,000, and an estimated non-Federal cost of
14 \$69,000,000.

15 **SEC. 3017. RHODES POINT JETTY, SMITH ISLAND, MARY-**
16 **LAND.**

17 The maximum amount of Federal funds that may be
18 expended for the project for navigation, Rhodes Point
19 Jetty, Smith Island, Maryland, being carried out under
20 section 107 of the River and Harbor Act of 1960 (33
21 U.S.C. 577), shall be \$7,000,000.

22 **SEC. 3018. MUDDY RIVER, BROOKLINE AND BOSTON, MAS-**
23 **SACHUSETTS.**

24 Section 522 of the Water Resources Development Act
25 of 2000 (114 Stat. 2656) is amended by striking “draft

1 evaluation report of the New England District Engineer
2 entitled ‘Phase I Muddy River Master Plan’, dated June
3 2000” and inserting “Final Decision Document and Envi-
4 ronmental Assessment Report of the New England Dis-
5 trict Engineer entitled ‘Muddy River Flood Control and
6 Ecosystem Restoration, Boston and Brookline, Massachu-
7 setts’, dated September 2003, at a total cost of
8 \$79,200,000”.

9 **SEC. 3019. ADA, MINNESOTA.**

10 The maximum amount of Federal funds that may be
11 expended for the project for flood damage reduction, Wild
12 Rice River, Ada, Minnesota, being carried out under sec-
13 tion 205 of the Flood Control Act of 1948 (33 U.S.C.
14 701s), shall be \$10,600,000.

15 **SEC. 3020. MONTEVIDEO, MINNESOTA.**

16 The maximum amount of Federal funds that may be
17 expended for the project for flood damage reduction, Mon-
18 tevideo, Minnesota, being carried out under section 205
19 of the Flood Control Act of 1948 (33 U.S.C. 701s), shall
20 be \$10,000,000.

21 **SEC. 3021. TWO HARBORS, MINNESOTA.**

22 Section 3101(b) of the Water Resources Development
23 Act of 2007 (121 Stat. 1133) is amended by striking
24 “\$7,000,000” and inserting “\$14,000,000”.

1 **SEC. 3022. BLUE RIVER BASIN, KANSAS CITY, MISSOURI.**

2 The project for flood control, Blue River basin, Kan-
3 sas City, Missouri, authorized by section 101(a)(18) of the
4 Water Resources Development Act of 1996 (110 Stat.
5 3665), is modified to authorize the Secretary to construct
6 the project at a total cost of \$45,500,000, with an esti-
7 mated Federal cost of \$34,125,000 and an estimated non-
8 Federal cost of \$11,375,000.

9 **SEC. 3023. LOWER ASSUNPINK CREEK, TRENTON, NEW JER-**
10 **SEY.**

11 The maximum amount of Federal funds that may be
12 expended for the project for improvement of the quality
13 of the environment, Lower Assunpink Creek, Trenton,
14 New Jersey, being carried out under section 1135 of the
15 Water Resources Development Act of 1986 (33 U.S.C.
16 2309a), shall be \$10,000,000.

17 **SEC. 3024. OCEAN GATE, OCEAN COUNTY, NEW JERSEY.**

18 The maximum amount of Federal funds that may be
19 expended for the project for emergency streambank pro-
20 tection, Ocean Gate, Ocean County, New Jersey, being
21 carried out under section 14 of the Flood Control Act of
22 1946 (33 U.S.C. 701r), shall be \$4,500,000.

23 **SEC. 3025. ORCHARD BEACH, BRONX, NEW YORK.**

24 Section 554 of the Water Resources Development Act
25 of 1996 (110 Stat. 3781), as amended by section 3122
26 of the Water Resources Development Act of 2007 (121

1 Stat. 1139), is further amended by striking
2 “\$20,000,000” and inserting “\$27,000,000”.

3 **SEC. 3026. SPRING CREEK, NEW YORK.**

4 The maximum amount of Federal funds that may be
5 expended for the project for improvement of the quality
6 of the environment, Spring Creek, New York, being car-
7 ried out under section 1135 of the Water Resources Devel-
8 opment Act of 1986 (33 U.S.C. 2309a), shall be
9 \$6,000,000.

10 **SEC. 3027. HOCKING RIVER BASIN, MONDAY CREEK, OHIO.**

11 Section 1001(37)(B)(iii) of the Water Resources De-
12 velopment Act of 2007 (121 Stat. 1055) is amended by
13 striking “\$1,270,000” and inserting “\$12,000,000”.

14 **SEC. 3028. LOWER COLUMBIA RIVER AND TILLAMOOK BAY**

15 **ECOSYSTEM RESTORATION, OREGON AND**
16 **WASHINGTON.**

17 Section 536(g) of the Water Resources Development
18 Act of 2000 (114 Stat. 2662) is amended by striking
19 “\$30,000,000” and inserting “\$45,000,000”.

20 **SEC. 3029. CORPUS CHRISTI SHIP CHANNEL, CORPUS**

21 **CHRISTI, TEXAS.**

22 The project for navigation and ecosystem restoration,
23 Corpus Christi Ship Channel, Texas, authorized by section
24 1001(40) of the Water Resources Development Act of
25 2007 (121 Stat. 1056) is modified to authorize the Sec-

1 retary to construct the project at a total cost of
2 \$447,604,000, with an estimated Federal cost of
3 \$183,827,000 and an estimated non-Federal cost of
4 \$263,777,000.

5 **SEC. 3030. DALLAS FLOODWAY, DALLAS, TEXAS.**

6 The project for flood control, Trinity River and tribu-
7 taries, Texas, authorized by section 2 of the Act entitled
8 “An Act authorizing the construction, repair, and preser-
9 vation of certain public works on rivers and harbors, and
10 for other purposes”, approved March 2, 1945, and modi-
11 fied by section 5141 of the Water Resources Development
12 Act of 2007 (121 Stat. 1253), is further modified to au-
13 thorize the Secretary to construct the project at a total
14 cost of \$882,000,000, with an estimated Federal cost of
15 \$573,300,000 and an estimated non-Federal cost of
16 \$308,700,000.

17 **SEC. 3031. HOUSTON-GALVESTON NAVIGATION CHANNELS,**
18 **TEXAS.**

19 The project for navigation and environmental restora-
20 tion, Houston-Galveston Navigation Channels, Texas, au-
21 thorized by section 101(a)(30) of the Water Resources De-
22 velopment Act of 1996 (110 Stat. 3666), is modified to
23 authorize the Secretary to extend the boundaries of the
24 Galveston channel approximately 2600 feet beyond Pier

1 38, if the Secretary determines that the extension is fea-
2 sible.

3 **SEC. 3032. PROJECT REAUTHORIZATIONS.**

4 The following project may be carried out by the Sec-
5 retary and no construction on any such project may be
6 initiated until the Secretary determines that the project
7 is feasible: The Vincennes, Indiana portion of the project
8 for flood control, Wabash River basin, Illinois and Indi-
9 ana, authorized by section 10 of the Flood Control Act
10 of 1946 (60 Stat. 649) and deauthorized by section 1002
11 of the Water Resources Development Act of 1986 (100
12 Stat. 4209).

13 **SEC. 3033. PROJECT DEAUTHORIZATIONS.**

14 (a) IN GENERAL.—The following projects are not au-
15 thorized after the date of enactment of this Act:

16 (1) POTOMAC RIVER, WASHINGTON CHANNEL,
17 DISTRICT OF COLUMBIA.—The portion of the project
18 for navigation, Potomac River, Washington Channel,
19 District of Columbia, authorized by the Act of Au-
20 gust 30, 1935 (chapter 831; 49 Stat. 1028), begin-
21 ning at Washington Harbor Channel Geometry Cen-
22 terline of the 400-foot-wide main navigational ship
23 channel, Centerline Station No. 103+73.12, coordi-
24 nates North 441,948.20, East 1,303,969.30, as stat-
25 ed and depicted on the Condition Survey Anacostia,

1 Virginia, Washington and Magazine Bar Shoal
2 Channels, Washington, D.C., Sheet 6 of 6, prepared
3 by the United States Army Corps of Engineers, Bal-
4 timore district, July 2007; thence departing the
5 aforementioned centerline traveling the following
6 courses and distances: N. 40 degrees 10 minutes 45
7 seconds E., 200.00 feet to a point, on the outline of
8 said 400-foot-wide channel thence binding on said
9 outline the following three courses and distances: S.
10 49 degrees 49 minutes 15 seconds E., 1,507.86 feet
11 to a point, thence; S. 29 degrees 44 minutes 42 sec-
12 onds E., 2,083.17 feet to a point, thence; S. 11 de-
13 grees 27 minutes 04 seconds E., 363.00 feet to a
14 point, thence; S. 78 degrees 32 minutes 56 seconds
15 W., 200.00 feet to a point binding on the centerline
16 of the 400-foot-wide main navigational channel at
17 computed Centerline Station No. 65+54.31, coordi-
18 nates North 438,923.9874, East 1,306,159.9738,
19 thence; continuing with the aforementioned center-
20 line the following courses and distances: N. 11 de-
21 grees 27 minutes 04 seconds W., 330.80 feet to a
22 point, Centerline Station No. 68+85.10, thence; N.
23 29 degrees 44 minutes 42 seconds W., 2,015.56 feet
24 to a point, Centerline Station No. 89+00.67, thence;

1 N. 49 degrees 49 minutes 15 seconds W., 1,472.26
2 feet to the point of beginning.

3 (2) CHICAGO HARBOR, ILLINOIS.—The portion
4 of the project for navigation, Chicago Harbor, au-
5 thorized by the River and Harbor Acts of March 3,
6 1899 and March 2, 1919, beginning at the south-
7 west corner of Metropolitan Sanitary District of
8 Greater Chicago sluice gate that abuts the north
9 wall of the Chicago River Lock thence running north
10 for approximately 290 feet, thence running east ap-
11 proximately 1,000 feet, thence running south ap-
12 proximately 290 feet, thence running west approxi-
13 mately 1,000 feet to the point of origin.

14 (3) IPSWICH RIVER, MASSACHUSETTS.—The
15 portion of the project for navigation, Ipswich River,
16 Massachusetts, adopted by the Rivers and Harbors
17 Act of August 5, 1886, consisting of a 4-foot chan-
18 nel located at the entrance to the inner harbor at
19 Ipswich Harbor, lying northwesterly of a line com-
20 mencing at: N3,074,938.09, E837,154.87, thence
21 running easterly approximately 60 feet to a point
22 with coordinates N3,074,972.62, E837,203.93.

23 (4) MENEMSHA CREEK, MASSACHUSETTS.—The
24 portion of the project for navigation, Menemsha
25 Creek, Massachusetts, authorized by the River and

1 Harbor Act of 1945, consisting of the following
2 areas—

3 (A) beginning at a point, N129,112.54,
4 E1,566,926.30, running north 52 degrees 12
5 minutes 55.9 seconds east 208.68 feet to a
6 point N129,240.39, E1,567,091.22, running
7 south 77 degrees 28 minutes 13.7 seconds east
8 170.0 feet to a point N129,203.51,
9 E1,567,257.17, running south 37 degrees 25
10 minutes 45.4 seconds east 101.04 feet to a
11 point N129,123.28, E1,567,318.58, running
12 north 77 degrees 28 minutes 13.7 seconds west
13 223.32 feet to a point N129,171.72, E
14 1,567,100.58, running south 52 degrees 12
15 minutes 55.9 seconds west 174.00 feet to a
16 point N129,065.12, E1,566,963.06, running
17 north 37 degrees 47 minutes 04.1 seconds west
18 60.00 feet to the point of origin, and

19 (B) beginning at a point, N128,895.78,
20 E1,566,940.39, thence running north 52 de-
21 grees 31 minutes 25.8 seconds east 135.91 feet
22 to a point N128,978.47, E1,567,048.25, thence
23 running south 77 degrees 28 minutes 13.7 sec-
24 onds east 80.63 feet to a point N128,960.98,
25 E1,567,126.96, thence running south 37 de-

1 grees 25 minutes 32.9 seconds east 70.67 feet
2 to a point N128,904.86, E1,567,169.91, thence
3 running north 73 degrees 59 minutes 15.6 sec-
4 onds west 139.90 feet to a point N128,943.45,
5 E 1,567,035.44, thence running south 52 de-
6 grees 31 minutes 25.8 seconds west 103.96 feet
7 to a point N128,880.20, E1,566,952.94, thence
8 running north 38 degrees 50 minutes 43.8 sec-
9 onds west 20.01 feet to the point of origin.

10 (5) BLOCK ISLAND HARBOR OF REFUGE,
11 RHODE ISLAND.—The portion of the project for
12 navigation, Block Island Harbor of Refuge, Rhode
13 Island, adopted by the Rivers and Harbors Act of
14 July 11, 1870, consisting of the cut-stone break-
15 water lining the west side of the Inner Basin, begin-
16 ning at a point, N32,179.55, E312,625.53, thence
17 running northerly approximately 76.59 feet to a
18 point with coordinates N326,655.92, E312,631.32,
19 thence running northerly approximately 206.81 feet
20 to a point with coordinates N32,858.33,
21 E312,673.74, thence running easterly approximately
22 109.00 feet to a point with coordinates N32,832.15,
23 E312,779.54.

24 (b) ADDITIONAL DEAUTHORIZATIONS.—The fol-
25 lowing projects are not authorized after the date of enact-

1 ment of this Act, except with respect to any portion of
2 such a project that has been completed before such date
3 or is under construction on such date:

4 (1) The project for flood protection and related
5 purposes, Cache River basin, Arkansas and Mis-
6 sissippi, authorized by section 204 of the Flood Con-
7 trol Act of 1950 (64 Stat. 172).

8 (2) The Lower White River, Big Creek and
9 tributaries, Arkansas, element of the project for
10 flood control and improvement of the Lower Mis-
11 sissippi River, authorized by section 1 of the Act of
12 May 15, 1928 (45 Stat. 534), and modified by sec-
13 tion 204 of the Flood Control Act of 1965 (79 Stat.
14 1076).

15 (3) The project for navigation, Noyo River and
16 Harbor, California, authorized by section 101 of the
17 River and Harbor Act of 1962 (76 Stat. 1176) and
18 modified by section 146 of the Water Resources De-
19 velopment Act of 1976 (90 Stat. 2931).

20 (4) The project for navigation, Red River Wa-
21 terway, Shreveport, Louisiana, to Dangerfield,
22 Texas, authorized by the River and Harbor Act of
23 1968 (82 Stat. 731).

24 (5) The project for flood control, Hocking River
25 at Logan, Ohio, authorized by section 401(a) of the

1 Water Resources Development Act of 1986 (100
2 Stat. 4122).

3 (6) The Shipyard River Upper Channel and
4 Upper Turning basin elements of the project for
5 navigation, Charleston Harbor, South Carolina, au-
6 thorized by section 202(a) of the Water Resources
7 Development Act of 1986 (100 Stat. 4096).

8 (7) The environmental enhancements element of
9 the project for flood control, Nonconnah Creek and
10 Johns Creek, Tennessee and Mississippi, authorized
11 by section 401(a) of the Water Resources Develop-
12 ment Act of 1986 (100 Stat. 4124).

13 (8) The recreation element of the project for
14 flood control, Nonconnah Creek and Johns Creek,
15 Tennessee and Mississippi, authorized by section
16 401(a) of the Water Resources Development Act of
17 1986 (100 Stat. 4124).

18 (9) The project for flood protection, Santa Bar-
19 bara County Coastal Streams and tributaries in the
20 area of Goleta, California, authorized by section 201
21 of the Flood Control Act of 1970 (84 Stat. 1826)
22 and modified by section 102(b) of the Water Re-
23 sources Development Act of 1992 (106 Stat. 4804).

24 (10) The project for flood control, Harris Fork
25 Creek, Tennessee and Kentucky, authorized by sec-

1 tion 102 of the Water Resources Development Act
2 of 1976 (90 Stat. 2921).

3 (11) The project for flood control, Buena Vista,
4 Virginia, authorized by section 101(a)(24) of the
5 Water Resources Development Act of 1990 (104
6 Stat. 4610) and modified by section 118(f) of the
7 Water Resources Development Act of 1992 (106
8 Stat. 4824).

9 **TITLE IV—STUDIES**

10 **SEC. 4001. HOLLIS, ALASKA.**

11 The Secretary shall conduct a study to determine the
12 feasibility of carrying out a project for navigational im-
13 provements, Hollis, Alaska.

14 **SEC. 4002. BULLARD WASH, GOODYEAR, ARIZONA.**

15 The Secretary shall conduct a study to determine the
16 feasibility of carrying out a project for flood damage re-
17 duction for Bullard Wash, Goodyear, Arizona.

18 **SEC. 4003. LOWER SANTA CRUZ RIVER, CASA GRANDE, ARI-**

19 **ZONA.**

20 The Secretary shall conduct a study to determine the
21 feasibility of carrying out projects for flood damage reduc-
22 tion and related water resource purposes for the Lower
23 Santa Cruz River study area, Casa Grande, Arizona.

1 **SEC. 4004. MARICOPA COUNTY, ARIZONA.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for flood damage re-
4 duction, environmental restoration, recreation, and related
5 water resource purposes, including nonstructural solu-
6 tions, for Maricopa County, Arizona.

7 **SEC. 4005. OUACHITA RIVER, OUACHITA, UNION, AND ASH-**
8 **LEY COUNTIES, ARKANSAS.**

9 The Secretary shall conduct a study to determine the
10 feasibility of carrying out a project for navigation, flood
11 damage reduction, environmental restoration, bank sta-
12 bilization, and related water resource purposes for the
13 Ouachita River, Ouachita, Union, and Ashley Counties,
14 Arkansas.

15 **SEC. 4006. OIL TROUGH, ARKANSAS.**

16 The Secretary shall conduct a study to determine the
17 feasibility of carrying out a project for flood damage re-
18 duction for Oil Trough, Arkansas.

19 **SEC. 4007. RANDOLPH COUNTY, ARKANSAS.**

20 The Secretary shall conduct a study to determine the
21 feasibility of carrying out a project for flood damage re-
22 duction for Randolph County, Arkansas.

23 **SEC. 4008. BERKELEY MARINA, BERKELEY, CALIFORNIA.**

24 The Secretary shall conduct a study to determine the
25 feasibility of carrying out a project for navigational im-
26 provements for Berkeley Marina, Berkeley, California.

1 **SEC. 4009. CHELSEA WETLANDS, HERCULES, CALIFORNIA.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for environmental res-
4 toration and flood damage reduction for Chelsea Wet-
5 lands, Hercules, California.

6 **SEC. 4010. COLORADO LAGOON AND ALAMITOS BAY, LONG**
7 **BEACH, CALIFORNIA.**

8 The Secretary shall conduct a study to determine the
9 feasibility of carrying out a project for environmental res-
10 toration between Colorado Lagoon and Alamitos Bay,
11 Long Beach, California.

12 **SEC. 4011. LODI LAKE, LODI, CALIFORNIA.**

13 The Secretary shall conduct a study to determine the
14 feasibility of carrying out a project for flood damage re-
15 duction and streambank stabilization for Lodi Lake, Lodi,
16 California.

17 **SEC. 4012. OAKLAND-INNER HARBOR TIDAL CANAL, OAK-**
18 **LAND, CALIFORNIA.**

19 The Secretary shall conduct a study to determine the
20 feasibility of carrying out a project for navigation improve-
21 ments for the Oakland-Inner Harbor Tidal Canal, Oak-
22 land, California.

23 **SEC. 4013. NOYO HARBOR DISTRICT, NOYO, CALIFORNIA.**

24 The Secretary shall conduct a study to determine the
25 feasibility of carrying out a project for navigational im-

1 improvements and dredge material disposal for Noyo Harbor
2 District, Noyo, California.

3 **SEC. 4014. PORT OF SAN FRANCISCO, SAN FRANCISCO,**
4 **CALIFORNIA.**

5 The Secretary shall conduct a study to determine the
6 feasibility of carrying out a project for navigational im-
7 provements, flood damage reduction, shoreline protection,
8 environmental restoration, and related water resource pur-
9 poses for Port of San Francisco, San Francisco, Cali-
10 fornia.

11 **SEC. 4015. REDWOOD CITY NAVIGATION CHANNEL, CALI-**
12 **FORNIA.**

13 The Secretary shall conduct a study to determine the
14 feasibility of carrying out a project for navigational im-
15 provements and dredge material disposal for Redwood
16 City Navigation Channel, California.

17 **SEC. 4016. RIALTO CHANNEL AND CACTUS CHANNEL, RI-**
18 **ALTO, CALIFORNIA.**

19 The Secretary shall conduct a watershed study to de-
20 termine the feasibility of carrying out a project for flood
21 damage reduction for Rialto Channel and Cactus Channel,
22 Rialto, California.

1 **SEC. 4017. SACRAMENTO REGIONAL SANITATION DISTRICT,**
2 **SACRAMENTO, CALIFORNIA.**

3 The Secretary shall conduct a study to determine the
4 feasibility of carrying out projects for flood damage reduc-
5 tion in the Sacramento Regional Sanitation District, Sac-
6 ramento, California.

7 **SEC. 4018. SAN PABLO BAY, HERCULES, CALIFORNIA.**

8 The Secretary shall conduct a study to determine the
9 feasibility of carrying out a project for navigational im-
10 provements for San Pablo Bay, Hercules, California.

11 **SEC. 4019. STOCKTON, CALIFORNIA.**

12 The Secretary shall conduct a study to determine the
13 feasibility of carrying out projects for navigation channel
14 deepening for Stockton, California.

15 **SEC. 4020. TIJUANA RIVER ENVIRONMENTAL RESTORA-**
16 **TION, SAN DIEGO, CALIFORNIA.**

17 The Secretary shall conduct a study to determine the
18 feasibility of carrying out projects for flood damage reduc-
19 tion, environmental restoration, water supply, water qual-
20 ity, recreation, and other water-related issues including
21 the impacts of water flows from Mexico for the Tijuana
22 River basin, San Diego, California.

23 **SEC. 4021. TIJUANA RIVER WETLANDS RESTORATION, SAN**
24 **DIEGO COUNTY, CALIFORNIA.**

25 The Secretary shall conduct a study to determine the
26 feasibility of carrying out a project for environmental res-

1 toration and wetland restoration along the Tijuana River,
2 San Diego County, California.

3 **SEC. 4022. VENTURA RIVER, VENTURA COUNTY, CALI-**
4 **FORNIA.**

5 The Secretary shall conduct a study to determine the
6 feasibility of carrying out a project for flood damage re-
7 duction for Ventura River, Ventura County, California.

8 **SEC. 4023. WILLOWBROOK, LOS ANGELES COUNTY, CALI-**
9 **FORNIA.**

10 The Secretary shall conduct a watershed study to de-
11 termine the feasibility of carrying out a project for envi-
12 ronmental restoration for Willowbrook, Los Angeles Coun-
13 ty, California.

14 **SEC. 4024. FOUNTAIN SPRING WATERSHED, PUEBLO, COLO-**
15 **RADO.**

16 The Secretary shall conduct a sediment impact anal-
17 ysis study to determine the sediment transport parameters
18 for Fountain Spring watershed, Pueblo, Colorado.

19 **SEC. 4025. RALSTON CREEK, ARVADA, COLORADO.**

20 The Secretary shall conduct a watershed study to de-
21 termine the feasibility of carrying out a project for flood
22 damage reduction for Ralston Creek, Arvada, Colorado.

1 **SEC. 4026. HOLLY POND AND NOROTAN RIVER, STAMFORD,**
2 **CONNECTICUT.**

3 The Secretary shall conduct a study to determine the
4 feasibility of carrying out projects for environmental res-
5 toration for Holly Pond and Norotan River, Stamford,
6 Connecticut.

7 **SEC. 4027. HOUSATONIC RIVER, NEW MILFORD, CON-**
8 **NECTICUT.**

9 The Secretary shall conduct a study to determine the
10 feasibility of carrying out a project for flood damage re-
11 duction along the Housatonic River, New Milford, Con-
12 necticut.

13 **SEC. 4028. LONG ISLAND SOUND AND MILL RIVER, STAM-**
14 **FORD, CONNECTICUT.**

15 The Secretary shall conduct a study to determine the
16 feasibility of carrying out a project for navigational im-
17 provements for Long Island Sound and Mill River, Stam-
18 ford, Connecticut.

19 **SEC. 4029. MERIDEN, CONNECTICUT.**

20 The Secretary shall conduct a watershed study to de-
21 termine the feasibility of carrying out a project for flood
22 damage reduction for Meriden, Connecticut.

23 **SEC. 4030. SOUTH COVE, OLD SAYBROOK, CONNECTICUT.**

24 The Secretary shall conduct a study to determine the
25 feasibility of carrying out a project for environmental res-
26 toration for the South Cove, Old Saybrook, Connecticut.

1 **SEC. 4031. WEST RIVER, NEW HAVEN HARBOR, WEST**
2 **HAVEN, CONNECTICUT.**

3 The Secretary shall conduct a study to determine the
4 feasibility of carrying out a project for shoreline protec-
5 tion, storm damage reduction, including a review of bulk-
6 head condition for West River, New Haven Harbor, West
7 Haven, Connecticut.

8 **SEC. 4032. CHESAPEAKE BAY, DELAWARE, MARYLAND, AND**
9 **VIRGINIA.**

10 The Secretary shall conduct a study to determine the
11 feasibility of carrying out projects for enhanced public ac-
12 cess and recreational opportunities on Army Corps of En-
13 gineers projects in the Chesapeake Bay, Delaware, Mary-
14 land, and Virginia.

15 **SEC. 4033. WASHINGTON, DISTRICT OF COLUMBIA.**

16 The Secretary shall conduct a study to determine the
17 feasibility of carrying out a project for flood damage re-
18 duction, including green technologies, for Washington,
19 District of Columbia.

20 **SEC. 4034. LAKE COUNTY, FLORIDA.**

21 The Secretary shall conduct a study to determine the
22 feasibility of carrying out a project for flood damage re-
23 duction and environmental protection, Lake County, Flor-
24 ida.

1 **SEC. 4035. MARION COUNTY, FLORIDA.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for water supply, Mar-
4 ion County, Florida.

5 **SEC. 4036. MIAMI, FLORIDA.**

6 The Secretary shall conduct a study to determine the
7 feasibility of carrying out a project for flood damage re-
8 duction for Miami, Florida.

9 **SEC. 4037. OAKLAND PARK, FLORIDA.**

10 The Secretary shall conduct a study to determine the
11 feasibility of carrying out a project for flood damage re-
12 duction for Oakland Park, Florida.

13 **SEC. 4038. RIVIERA BEACH, FLORIDA.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out a project for hurricane and
16 storm damage reduction and shoreline protection for Riv-
17 iera Beach, Florida.

18 **SEC. 4039. SOUTH DAYTONA, FLORIDA.**

19 The Secretary shall conduct a study to determine the
20 feasibility of carrying out a project for flood damage re-
21 duction, environmental restoration, and related water re-
22 source purposes for South Daytona, Florida.

23 **SEC. 4040. TAMPA, FLORIDA.**

24 The Secretary shall conduct a study to determine the
25 feasibility of carrying out a project for flood damage re-

1 duction and environmental restoration for Tampa, Flor-
2 ida.

3 **SEC. 4041. PEAVINE CREEK, DECATUR, GEORGIA.**

4 The Secretary shall conduct a study to determine the
5 feasibility of carrying out a project for flood damage re-
6 duction and environmental restoration, recreation, and re-
7 lated water resource purposes for Peavine Creek, Decatur,
8 Georgia.

9 **SEC. 4042. RICHLAND CREEK, LAWRENCEVILLE, GEORGIA.**

10 The Secretary shall conduct a study to determine the
11 feasibility of carrying out a project for environmental res-
12 toration for Richland Creek, Lawrenceville, Georgia.

13 **SEC. 4043. STUDY FOR WATER SUPPLY, GEORGIA.**

14 (a) IN GENERAL.—The Secretary shall conduct a
15 study of municipal and industrial water supply for the
16 State of Georgia.

17 (b) STUDY COMPONENTS.—In conducting the study,
18 the Secretary shall review—

- 19 (1) currently available water supplies;
- 20 (2) expected future demand for potable water;
- 21 (3) current water uses, including per capita use
22 rates;
- 23 (4) opportunities to augment existing supplies,
24 including through increased conservation and im-
25 proved efficiencies;

1 (5) the effect of water supply policies and uses
2 on the environment;

3 (6) the effect of water supply policies on the
4 economy;

5 (7) the effect of water supply policies and uses
6 on upstream and downstream uses;

7 (8) the impacts of water supply policies on
8 threatened and endangered species; and

9 (9) the impacts of consumptive uses on
10 instream uses.

11 (c) **TIMING.**—The Secretary shall complete the study
12 not later than 2 years following the first obligation of
13 funds for the study.

14 **SEC. 4044. SUWANNEE CREEK, LAWRENCEVILLE, GEORGIA.**

15 The Secretary shall conduct a study to determine the
16 feasibility of carrying out a project for environmental res-
17 toration for Suwannee Creek, Lawrenceville, Georgia.

18 **SEC. 4045. AGAT AND MERIZO, GUAM.**

19 The Secretary shall conduct a study to determine the
20 feasibility of carrying out a project for storm damage re-
21 duction and shoreline protection for Agat and Merizo,
22 Guam.

1 **SEC. 4046. WAIAKEA STREAM AND PALAI STREAM, HILO,**
2 **HAWAII.**

3 (a) IN GENERAL.—The Secretary shall conduct a
4 study to determine the feasibility of carrying out a project
5 for flood damage reduction along Waiakea Stream and
6 Palai Stream, Hilo, Hawaii.

7 (b) PRIOR WORK.—In carrying out the study, the
8 Secretary shall utilize, to the extent practicable, any work
9 undertaken in the formulation of a project for flood dam-
10 age reduction, Waiakea Stream and Palai Stream, Hilo,
11 Hawaii, initiated under section 205 of the Flood Control
12 Act of 1948 (33 U.S.C. 701s).

13 **SEC. 4047. WAIALUA-KAIKA WATERSHED, OAHU, HAWAII.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out a project for flood damage re-
16 duction, environmental restoration, water supply, and re-
17 lated water resource purposes for the Waialua-Kaiaka wa-
18 tershed, Oahu, Hawaii.

19 **SEC. 4048. ALBANY PARK, CHICAGO, ILLINOIS.**

20 The Secretary shall conduct a study to determine the
21 feasibility of carrying out a project for flood damage re-
22 duction for Albany Park, Chicago, Illinois.

23 **SEC. 4049. CARPENTER CREEK, CARPENTERSVILLE, ILLI-**
24 **NOIS.**

25 The Secretary shall conduct a study to determine the
26 feasibility of carrying out a project for flood damage re-

1 duction and stream bank stabilization for Carpenter
2 Creek, Carpentersville, Illinois.

3 **SEC. 4050. DES PLAINES RIVER, COOK COUNTY, ILLINOIS.**

4 The Secretary shall conduct a study to determine the
5 feasibility of carrying out a project for flood damage re-
6 duction and stream bank stabilization for the Des Plaines
7 River, Cook County, Illinois.

8 **SEC. 4051. FERSON-OTTER CREEK DAM, ST. CHARLES, ILLI-**
9 **NOIS.**

10 The Secretary shall conduct a study to determine the
11 feasibility of carrying out a project for flood damage re-
12 duction and stream bank stabilization for Ferson-Otter
13 Creek Dam, St. Charles, Illinois.

14 **SEC. 4052. MIDDLE MISSISSIPPI RIVER, ILLINOIS AND MIS-**
15 **SOURI.**

16 The Secretary shall conduct a study to determine the
17 feasibility of developing a program for environmental res-
18 toration for the Middle Mississippi River, Illinois and Mis-
19 souri.

20 **SEC. 4053. NORTH BRANCH OF THE CHICAGO RIVER, CHI-**
21 **CAGO, ILLINOIS.**

22 The Secretary shall conduct a study to determine the
23 feasibility of carrying out a project for environmental res-
24 toration and related water resource purposes for the North
25 Branch of the Chicago River, Chicago, Illinois.

1 **SEC. 4054. RIVER PARK AND RONAN PARK, NORTH BRANCH**
2 **OF THE CHICAGO RIVER, CHICAGO, ILLINOIS.**

3 The Secretary shall conduct a study to determine the
4 feasibility of carrying out a project for environmental res-
5 toration and shoreline protection for River Park and
6 Ronan Park, North Branch of the Chicago River, Chicago,
7 Illinois.

8 **SEC. 4055. THILLENS PARK, NORTH BRANCH OF THE CHI-**
9 **CAGO RIVER, CHICAGO, ILLINOIS.**

10 The Secretary shall conduct a study to determine the
11 feasibility of carrying out a project for flood damage re-
12 duction, environmental restoration, and shoreline protec-
13 tion for Thillens Park, North Branch of the Chicago
14 River, Chicago, Illinois.

15 **SEC. 4056. VILLAGE OF SKOKIE, ILLINOIS.**

16 The Secretary shall conduct a study to determine the
17 feasibility of carrying out a project for flood damage re-
18 duction for the Village of Skokie, Illinois.

19 **SEC. 4057. BOWMAN CREEK, SOUTH BEND, INDIANA.**

20 The Secretary shall conduct a study to determine the
21 feasibility of carrying out a project for environmental res-
22 toration for Bowman Creek, South Bend, Indiana.

23 **SEC. 4058. LAKE MICHIGAN WATERSHED, INDIANA.**

24 The Secretary shall conduct a study to determine the
25 feasibility of carrying out projects for flood damage reduc-

1 tion, and related water resource purposes for the Lake
2 Michigan watershed, Indiana.

3 **SEC. 4059. BURLINGTON, IOWA.**

4 The Secretary shall conduct a study to determine the
5 feasibility of carrying out a project for flood damage re-
6 duction and stream bank stabilization for Burlington,
7 Iowa.

8 **SEC. 4060. BENEFICIAL USE OF DREDGED MATERIAL, LOU-**
9 **ISIANA AND MISSISSIPPI.**

10 The Secretary shall conduct a study to determine the
11 feasibility of utilizing the Federal hopper dredge Wheeler,
12 as part of routine testing and use under its ready reserve
13 status pursuant to section 3 of the Act of August 11, 1888
14 (33 U.S.C. 622(e); 110 Stat. 3705), for support of
15 projects for the beneficial reuse of material dredged from
16 federally maintained waterways at the following locations:

17 (1) Projects in connection with the comprehen-
18 sive plan for protecting, preserving, and restoring
19 the coastal Louisiana ecosystem, pursuant to section
20 7002 of the Water Resources Development Act of
21 2007 (121 Stat. 1270).

22 (2) Projects in connection with the project for
23 hurricane and storm damage reduction, Mississippi
24 Coastal Improvements Program, Hancock, Harrison,

1 and Jackson Counties, Mississippi, authorized by
2 section 1001 of this Act.

3 **SEC. 4061. JESUIT BEND, PLAQUEMINES PARISH, LOU-**
4 **ISIANA.**

5 (a) IN GENERAL.—The Secretary shall conduct a
6 study to determine the feasibility of carrying out a project
7 for flood damage reduction for Jesuit Bend, Plaquemines
8 Parish, Louisiana.

9 (b) USE OF LOCAL REPORT.—In carrying out the
10 study, the Secretary may include elements of the report
11 prepared by the non-Federal interest for Jesuit Bend,
12 Plaquemines Parish, Louisiana, if the Secretary deter-
13 mines that such elements are feasible.

14 **SEC. 4062. LABRANCHE WETLANDS, ST. CHARLES AND ST.**
15 **JOHN COUNTIES, LOUISIANA.**

16 (a) IN GENERAL.—The Secretary shall conduct a
17 study to determine the feasibility of modifying the project
18 for flood control and improvement of the Lower Mis-
19 sissippi River, Bonnet Carre Spillway, authorized by sec-
20 tion 1 of the Act of May 15, 1928 (45 Stat. 534), to add
21 environmental restoration as a project purpose.

22 (b) REVIEW.—In carrying out the study, the Sec-
23 retary shall review operational and structural changes to
24 the project to restore the LaBranche Wetlands, St.
25 Charles and St. John Counties, Louisiana.

1 **SEC. 4063. RUTH CANAL FRESHWATER DIVERSION,**
2 **VERMILION, LOUISIANA.**

3 The Secretary shall conduct a study of the project
4 for the improvement of Bayou Teche and the Vermilion
5 River, Louisiana, authorized by section 3 of the Flood
6 Control Act of August 18, 1941 (55 Stat. 641), and the
7 project for flood protection in the Teche-Vermilion basins,
8 Louisiana, authorized by section 203 of the Flood Control
9 Act of 1966 (80 Stat. 1420), to determine the feasibility
10 of carrying out a project for environmental restoration and
11 water supply, Ruth Canal, Vermilion, Louisiana.

12 **SEC. 4064. ANACOSTIA RIVER WATERSHED, PRINCE**
13 **GEORGE'S COUNTY, MARYLAND.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out a project for flood damage re-
16 duction for the Anacostia River watershed, Prince
17 George's County, Maryland.

18 **SEC. 4065. CHESAPEAKE BAY SHORELINE STUDY, MARY-**
19 **LAND, PENNSYLVANIA, AND VIRGINIA.**

20 In carrying out the study for the Chesapeake Bay
21 Shoreline, Maryland, Pennsylvania, and Virginia, being
22 carried out under the Committee Resolution of the Com-
23 mittee on Environment and Public Works of the United
24 States Senate, adopted May 23, 2001, the Secretary shall
25 determine the feasibility of carrying out projects on feder-
26 ally owned property for shoreline protection, environ-

1 mental restoration, and improvement of water quality of
2 the Chesapeake Bay.

3 **SEC. 4066. DREDGED MATERIAL DISPOSAL, BALTIMORE**
4 **HARBOR, MARYLAND.**

5 The Secretary shall conduct a study to determine the
6 feasibility of carrying out a project for navigational im-
7 provements and dredged material disposal at Cox Creek
8 Dredged Material Disposal Site for Baltimore Harbor,
9 Maryland.

10 **SEC. 4067. MID-CHESAPEAKE BAY ISLAND RECREATION**
11 **AND PUBLIC ACCESS, MARYLAND.**

12 The Secretary shall conduct a study to determine the
13 feasibility of modifying the Mid-Chesapeake Bay Island
14 project for enhanced public access and recreational oppor-
15 tunities on Mid-Chesapeake Bay Island, Maryland, as au-
16 thorized by section 1001 of this Act.

17 **SEC. 4068. CAPISIC BROOK, PORTLAND, MAINE.**

18 The Secretary shall conduct a study to determine the
19 feasibility of carrying out projects for environmental res-
20 toration, flood damage reduction, and stormwater man-
21 agement for Capisic Brook, Portland, Maine.

22 **SEC. 4069. FISHING AND GOOSEBERRY ISLANDS, KITTEERY,**
23 **MAINE.**

24 The Secretary shall conduct a study to determine the
25 feasibility of carrying out projects for storm damage re-

1 duction and shoreline protection for Fishing and Goose-
2 berry Islands, Kittery, Maine.

3 **SEC. 4070. SOUTHERN MAINE/NEW HAMPSHIRE DREDGED**
4 **MATERIAL DISPOSAL STUDY, MAINE AND**
5 **NEW HAMPSHIRE.**

6 The Secretary shall conduct a study to determine the
7 feasibility of carrying out a project for navigational im-
8 provements and dredge material disposal for southern
9 Maine and New Hampshire.

10 **SEC. 4071. ASSABET, CHARLES, AND SUDBURY WATER-**
11 **SHEDS, MIDDLESEX AND ESSEX COUNTIES,**
12 **MASSACHUSETTS.**

13 The Secretary shall conduct a comprehensive water-
14 shed study to determine the feasibility of carrying out a
15 project for flood damage reduction, environmental restora-
16 tion, and related water resource purposes, Assabet,
17 Charles, and Sudbury watersheds, Middlesex and Essex
18 Counties, Massachusetts.

19 **SEC. 4072. HOOSIC RIVER WATERSHED, NORTH ADAMS,**
20 **MASSACHUSETTS.**

21 The Secretary shall conduct a comprehensive water-
22 shed study to determine the feasibility of carrying out
23 projects for flood damage reduction, environmental res-
24 toration, and related water resource purposes for Hoosic
25 River watershed, North Adams, Massachusetts.

1 **SEC. 4073. MYSTIC RIVER WATERSHED, MASSACHUSETTS.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for environmental res-
4 toration for the Mystic River watershed, Massachusetts.

5 **SEC. 4074. QUEQUECHAN RIVER, FALL RIVER, MASSACHU-**
6 **SETTS.**

7 The Secretary shall conduct a study to determine the
8 feasibility of carrying out a project for environmental res-
9 toration, recreation, and related water resource purposes
10 for the Quequechan River, Fall River, Massachusetts.

11 **SEC. 4075. CLINTON RIVER, CLINTON TOWNSHIP, MICH-**
12 **GAN.**

13 The Secretary shall conduct a study to determine the
14 feasibility of carrying out projects for flood damage reduc-
15 tion, environmental restoration, and related water re-
16 source purposes for Clinton River, Clinton Township,
17 Michigan.

18 **SEC. 4076. HAMILTON DAM, FLINT, MICHIGAN.**

19 In carrying out the review under the authority of sec-
20 tion 216 of the Flood Control Act of 1970 (84 Stat. 1830)
21 of the project for flood control, Flint River, Michigan, au-
22 thorized by section 203 of the Flood Control Act of 1958
23 (72 Stat. 311), the Secretary shall include a review of
24 Hamilton Dam, Flint, Michigan.

1 **SEC. 4077. UPPER PENINSULA FLOOD RECOVERY, MICHIGAN.**
2 **GAN.**

3 The Secretary shall conduct a study to determine the
4 feasibility of carrying out projects for flood damage reduc-
5 tion and related water resource purposes for Upper Penin-
6 sula Flood Recovery, Michigan.

7 **SEC. 4078. AMORY, MISSISSIPPI.**

8 The Secretary shall conduct a study to determine the
9 feasibility of carrying out a project for flood damage re-
10 duction for Amory, Mississippi.

11 **SEC. 4079. COASTAL MISSISSIPPI ECOSYSTEM RESTORA-**
12 **TION, MISSISSIPPI.**

13 The Secretary shall conduct a study to determine the
14 feasibility of carrying out projects for environmental res-
15 toration and related water resource purposes for coastal
16 Mississippi.

17 **SEC. 4080. FULTON, MISSISSIPPI.**

18 The Secretary shall conduct a study to determine the
19 feasibility of carrying out a project for flood damage re-
20 duction for Fulton, Mississippi.

21 **SEC. 4081. GULFPORT, MISSISSIPPI.**

22 The Secretary shall conduct a study to determine the
23 feasibility of carrying out a project for navigational im-
24 provements, Gulfport, Mississippi.

1 **SEC. 4082. LUCEDALE, MISSISSIPPI.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for flood damage re-
4 duction, water supply, recreation, and related water re-
5 source purposes for Lucedale, Mississippi.

6 **SEC. 4083. MAGBY CREEK AND VERNON BRANCH, LOWNDES**
7 **COUNTY, MISSISSIPPI.**

8 The Secretary shall conduct a study to determine the
9 feasibility of carrying out a project for flood damage re-
10 duction for Magby Creek and Vernon Branch in Lowndes
11 County, Mississippi.

12 **SEC. 4084. BLUE RIVER BASIN, KANSAS CITY, MISSOURI.**

13 The Secretary shall conduct a study to determine the
14 feasibility of modifying the project for flood protection and
15 other purposes in the Blue River basin, vicinity of Kansas
16 City, Missouri and Kansas, authorized by section 201 of
17 the Flood Control Act of 1970 (80 Stat. 1409), to include
18 additional flood damage reduction, environmental restora-
19 tion, and recreational measures, Kansas City, Missouri.

20 **SEC. 4085. LITTLE BLUE RIVER, JACKSON COUNTY, MIS-**
21 **SOURI.**

22 The Secretary shall conduct a study to determine the
23 feasibility of carrying out a project for stream bank sta-
24 bilization for Little Blue River, Jackson County, Missouri.

1 **SEC. 4086. ST. LOUIS, MISSOURI.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for flood damage re-
4 duction, especially examining the floodwall pump station,
5 for St. Louis, Missouri.

6 **SEC. 4087. LAS VEGAS WASH, LAS VEGAS, NEVADA.**

7 The Secretary shall conduct a study to determine the
8 feasibility of carrying out a project for flood damage re-
9 duction for Las Vegas Wash, Las Vegas, Nevada.

10 **SEC. 4088. NEW HAMPSHIRE.**

11 The Secretary, in collaboration with all relevant Fed-
12 eral and non-Federal entities, including State and local
13 governments, nonprofit organizations, academia, and the
14 general public, shall conduct a comprehensive watershed
15 study of all watersheds in New Hampshire for water qual-
16 ity, habitat degradation, environmental restoration, water
17 supply, and potential impacts of climate change for New
18 Hampshire.

19 **SEC. 4089. PISCATAQUA RIVER, NEW HAMPSHIRE.**

20 The Secretary shall conduct a study to evaluate sedi-
21 ment and nutrient pollution in the Piscataqua River sys-
22 tem to determine the feasibility of carrying out a project
23 for environmental restoration and water quality for the
24 Piscataqua River, New Hampshire.

1 **SEC. 4090. BARNEGAT BAY WATERSHED, OCEAN AND MON-**
2 **MOUTH COUNTIES, NEW JERSEY.**

3 The Secretary shall conduct a comprehensive water-
4 shed study to determine the feasibility of carrying out
5 projects for flood damage reduction, shoreline protection,
6 environmental restoration, and related water resource pur-
7 poses for Barnegat Bay watershed, Ocean and Monmouth
8 Counties, New Jersey.

9 **SEC. 4091. BEVERLY, NEW JERSEY.**

10 The Secretary shall conduct a study to determine the
11 feasibility of carrying out a project for shoreline protec-
12 tion, including consideration of a gabion wall, for Beverly,
13 New Jersey.

14 **SEC. 4092. BOROUGH OF PINE BEACH, NEW JERSEY.**

15 The Secretary shall conduct a study to determine the
16 feasibility of carrying out a project for shoreline protec-
17 tion, including consideration of floating wave attenuators
18 off shore, for Borough of Pine Beach, New Jersey.

19 **SEC. 4093. HADDON TOWNSHIP, NEW JERSEY.**

20 The Secretary shall conduct a study to determine the
21 feasibility of carrying out a project for flood damage re-
22 duction for Haddon Township, New Jersey.

23 **SEC. 4094. RAHWAY RIVER WATERSHED, NEW JERSEY.**

24 The Secretary shall conduct a comprehensive water-
25 shed study to determine the feasibility of carrying out
26 projects for flood damage reduction, environmental res-

1 toration, and related water resource purposes for Rahway
2 River watershed, New Jersey.

3 **SEC. 4095. THIRD RIVER, BELLEVILLE, BLOOMFIELD, AND**
4 **NUTLEY, NEW JERSEY.**

5 The Secretary shall conduct a study to determine the
6 feasibility of carrying out projects for flood damage reduc-
7 tion for Third River, Belleville, Bloomfield, and Nutley,
8 New Jersey.

9 **SEC. 4096. PASSAIC RIVER CHANNEL, NUTLEY, NEW JER-**
10 **SEY.**

11 The Secretary shall conduct a study to determine the
12 feasibility of carrying out a project for navigation, environ-
13 mental restoration, and recreation for the Passaic River
14 Channel, Nutley, New Jersey.

15 **SEC. 4097. TOWNSHIP OF OCEAN, NEW JERSEY.**

16 The Secretary shall conduct a study to determine the
17 feasibility of carrying out a project for storm damage re-
18 duction and shoreline protection for the Township of
19 Ocean, New Jersey.

20 **SEC. 4098. PREAKNESS BROOK, WAYNE, NEW JERSEY.**

21 The Secretary shall conduct a study to determine the
22 feasibility of carrying out a project for flood damage re-
23 duction for Preakness Brook, Wayne, New Jersey.

1 **SEC. 4099. DONA ANA, NEW MEXICO.**

2 The Secretary shall conduct a study to determine the
3 feasibility of adding hydropower to existing irrigation ca-
4 nals for Dona Ana, New Mexico.

5 **SEC. 4100. HIDALGO COUNTY, NEW MEXICO.**

6 The Secretary shall conduct a study to determine the
7 feasibility of carrying out a project for flood damage re-
8 duction for Hidalgo County, New Mexico.

9 **SEC. 4101. OTERO COUNTY, NEW MEXICO.**

10 The Secretary shall conduct a study to determine the
11 feasibility of carrying out a project for flood damage re-
12 duction for Otero County, New Mexico.

13 **SEC. 4102. VALENCIA COUNTY, NEW MEXICO.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out a project for flood damage re-
16 duction for Valencia County, New Mexico.

17 **SEC. 4103. GLEN COVE, NEW YORK.**

18 The Secretary shall conduct a study to determine the
19 feasibility of carrying out a project for storm damage re-
20 duction and environmental restoration for Glen Cove, New
21 York.

22 **SEC. 4104. HAWTREE BASIN, HAMILTON BEACH, NEW YORK.**

23 The Secretary shall conduct a study to determine the
24 feasibility of carrying out projects for storm damage re-
25 duction, shoreline protection, and environmental restora-
26 tion for Hawtree basin, Hamilton Beach, New York.

1 **SEC. 4105. KILL VAN KULL, PORT RICHMOND, STATEN IS-**
2 **LAND, NEW YORK.**

3 The Secretary shall conduct a study to determine the
4 feasibility of carrying out projects for storm damage re-
5 duction, shoreline protection, and environmental restora-
6 tion for Kill Van Kull, Port Richmond, Staten Island, New
7 York.

8 **SEC. 4106. MARINERS MARSH AND ARLINGTON MARSH,**
9 **STATEN ISLAND, NEW YORK.**

10 The Secretary shall conduct a study to determine the
11 feasibility of carrying out a project for environmental res-
12 toration for Mariners Marsh and Arlington Marsh, Staten
13 Island, New York.

14 **SEC. 4107. NEW YORK, NEW YORK.**

15 (a) INVENTORY AND ASSESSMENT OF BULKHEADS
16 AND SEAWALLS.—

17 (1) INVENTORY.—The Secretary shall conduct
18 an inventory of bulkheads and seawalls constructed
19 around the city of New York, New York.

20 (2) ASSESSMENT OF REHABILITATION
21 NEEDS.—In conducting the inventory required under
22 paragraph (1), the Secretary shall assess the condi-
23 tion of the bulkheads and seawalls and the need for
24 rehabilitation or modification of the bulkheads and
25 seawalls.

1 (b) REPORT TO CONGRESS.—Not later than 2 years
2 after the date of enactment of this Act, the Secretary shall
3 transmit to Congress a report containing the inventory
4 and assessment required by subsection (a).

5 (c) INTERIM ACTIONS.—If the Secretary determines
6 that a bulkhead or seawall referred to in subsection (a)
7 presents an imminent and substantial risk to public safety,
8 the Secretary may carry out measures to prevent or miti-
9 gate that risk.

10 (d) FEDERAL SHARE.—The Federal share of the cost
11 of assistance provided under this section shall be 65 per-
12 cent.

13 (e) COORDINATION.—In carrying out this section, the
14 Secretary shall coordinate with the appropriate officials of
15 the city of New York and the State of New York.

16 (f) AUTHORIZATION OF APPROPRIATIONS.—There is
17 authorized to be appropriated to carry out this section
18 \$7,000,000, to remain available until expended.

19 **SEC. 4108. NORTON BASIN INLET, FAR ROCKAWAY, NEW**
20 **YORK.**

21 The Secretary shall conduct a study to determine the
22 feasibility of carrying out projects for storm damage re-
23 duction and shoreline protection for Norton Basin Inlet,
24 Far Rockaway, New York.

1 **SEC. 4109. QUEENS, NEW YORK.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for storm damage re-
4 duction and shoreline protection, Queens, New York, be-
5 tween 116th and 156th Streets.

6 **SEC. 4110. ROCKAWAY BEACH SEAWALL, ROCKAWAY, NEW**
7 **YORK.**

8 The Secretary shall conduct a study to determine the
9 feasibility of carrying out projects for storm damage re-
10 duction and shoreline protection for Rockaway Beach Sea-
11 wall, Rockaway, New York.

12 **SEC. 4111. ROOSEVELT ISLAND, EAST RIVER, NEW YORK,**
13 **NEW YORK.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out projects for flood damage reduc-
16 tion and shoreline protection for Roosevelt Island, East
17 River, New York, New York.

18 **SEC. 4112. CHARLOTTE, NORTH CAROLINA.**

19 The Secretary shall conduct a study to determine the
20 feasibility of carrying out projects for environmental res-
21 toration in support of the Surface Water Improvement
22 and Management Initiative for Charlotte, North Carolina.

23 **SEC. 4113. NANTAHALA RIVER, SWAIN, NORTH CAROLINA.**

24 The Secretary shall conduct a study to determine the
25 feasibility of carrying out a project for environmental res-

1 toration, recreation, and related water resource purposes,
2 Nantahala River, Swain, North Carolina.

3 **SEC. 4114. MISSOURI RIVER AND TRIBUTARIES, SOUTH AND**
4 **CENTRAL NORTH DAKOTA, NORTH DAKOTA.**

5 The Secretary shall conduct a study to determine the
6 feasibility of carrying out a project for flood damage re-
7 duction for the Missouri River and tributaries, South and
8 Central North Dakota, North Dakota.

9 **SEC. 4115. BIG CREEK WATERSHED, OHIO.**

10 The Secretary shall conduct a watershed study to de-
11 termine the feasibility of carrying out projects for flood
12 damage reduction and environmental restoration for Big
13 Creek watershed, Ohio.

14 **SEC. 4116. BRANDYWINE CREEK WATERSHED, OHIO.**

15 The Secretary shall conduct a comprehensive water-
16 shed study to determine the feasibility of carrying out
17 projects for flood damage reduction and environmental
18 restoration for Brandywine Creek watershed, Ohio.

19 **SEC. 4117. CARLISLE TOWNSHIP, LORAIN COUNTY, OHIO.**

20 The Secretary shall conduct a study to determine the
21 feasibility of carrying out a project for flood damage re-
22 duction for Carlisle Township, Lorain County, Ohio.

1 **SEC. 4118. CUYAHOGA RIVER WATERSHED AND**
2 **TUSCARAWAS RIVER WATERSHED, SUMMIT**
3 **COUNTY, OHIO.**

4 The Secretary shall conduct a comprehensive water-
5 shed study to determine the feasibility of carrying out a
6 project for flood damage reduction, environmental restora-
7 tion, and related water resource purposes, Cuyahoga River
8 watershed and Tuscarawas River watershed, Summit
9 County, Ohio.

10 **SEC. 4119. EUCLID CREEK WATERSHED, OHIO.**

11 The Secretary shall conduct a watershed study to de-
12 termine the feasibility of carrying out projects for flood
13 damage reduction and environmental restoration for Eu-
14 clid Creek watershed, Ohio.

15 **SEC. 4120. HEALY CREEK, BRUNSWICK, OHIO.**

16 The Secretary shall conduct a study to determine the
17 feasibility of carrying out a project for environmental res-
18 toration, streambank erosion, and sedimentation control
19 for Healy Creek, Brunswick, Ohio.

20 **SEC. 4121. LOWER MAUMEE RIVER, TOLEDO, OHIO.**

21 The Secretary shall conduct a study to determine the
22 feasibility of carrying out a project for flood damage re-
23 duction for the Lower Maumee River, Toledo, Ohio.

1 **SEC. 4122. OHIO RIVER, OHIO.**

2 Section 4070 of the Water Resources Development
3 Act of 2007 (121 Stat. 1183) is amended by striking
4 “Ohio River” and inserting “Ohio River and tributaries”.

5 **SEC. 4123. SHAKER LAKES, SHAKER HEIGHTS AND CLEVELAND**
6 **LAND HEIGHTS, OHIO.**

7 The Secretary shall conduct a study to determine the
8 feasibility of carrying out a project for environmental res-
9 toration for Shaker Lakes, Shaker Heights and Cleveland
10 Heights, Ohio.

11 **SEC. 4124. STARK COUNTY, OHIO.**

12 The Secretary shall conduct a study to determine the
13 feasibility of carrying out a project for flood damage re-
14 duction and environmental restoration for Stark County,
15 Ohio.

16 **SEC. 4125. TINKERS CREEK WATERSHED, OHIO.**

17 The Secretary shall conduct a watershed study to de-
18 termine the feasibility of carrying out projects for flood
19 damage reduction and environmental restoration for Tin-
20 kers Creek watershed, Ohio.

21 **SEC. 4126. UPPER TUSCARAWAS RIVER, CUYAHOGA COUN-**
22 **TY, OHIO.**

23 The Secretary shall conduct a study to determine the
24 feasibility of carrying out a project for flood damage re-
25 duction for the Upper Tuscarawas River, Cuyahoga Coun-
26 ty, Ohio.

1 **SEC. 4127. WEST CREEK WATERSHED, OHIO.**

2 The Secretary shall conduct a watershed study to de-
3 termine the feasibility of carrying out projects for flood
4 damage reduction and environmental restoration for West
5 Creek watershed, Ohio.

6 **SEC. 4128. YELLOW CREEK AND SHORT CREEK, JEFFERSON**
7 **COUNTY, OHIO.**

8 The Secretary shall conduct a study to determine the
9 feasibility of carrying out a project for flood damage re-
10 duction and environmental restoration for Yellow Creek
11 and Short Creek, Jefferson County, Ohio.

12 **SEC. 4129. FERRY CREEK RESERVOIR, BROOKINGS, OR-**
13 **EGON.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out a project for environmental res-
16 toration for Ferry Creek Reservoir, Brookings, Oregon.

17 **SEC. 4130. OREGON NAVIGATION JETTIES AND BREAK-**
18 **WATERS, OREGON.**

19 (a) INVENTORY AND ASSESSMENT OF NAVIGATION
20 JETTIES AND BREAKWATERS.—

21 (1) INVENTORY.—The Secretary shall conduct
22 an inventory of federally constructed navigation jet-
23 ties and breakwaters in the State of Oregon.

24 (2) ASSESSMENT OF REHABILITATION
25 NEEDS.—In conducting the inventory required under
26 paragraph (1), the Secretary shall assess the condi-

1 tion of the navigation jetties and breakwaters and
2 the need for rehabilitation or modification of the jet-
3 ties and breakwaters.

4 (b) REPORT TO CONGRESS.—Not later than 2 years
5 after the date of enactment of this Act, the Secretary shall
6 transmit to Congress a report containing the inventory
7 and assessment required by subsection (a).

8 (c) INTERIM ACTIONS.—If the Secretary determines
9 that a jetty or breakwater referred to in subsection (a)
10 presents an imminent and substantial risk to public safety,
11 the Secretary may carry out measures to prevent or miti-
12 gate that risk.

13 (d) FEDERAL SHARE.—The Federal share of the cost
14 of assistance provided under this section shall be 65 per-
15 cent.

16 (e) COORDINATION.—In carrying out this section, the
17 Secretary shall coordinate with the appropriate officials of
18 the State of Oregon.

19 (f) AUTHORIZATION OF APPROPRIATIONS.—There is
20 authorized to be appropriated to carry out this section
21 \$7,000,000, to remain available until expended.

22 **SEC. 4131. PORT ORFORD, OREGON.**

23 The Secretary shall conduct a study to determine the
24 feasibility of carrying out a project for navigational im-

1 improvements with examination of navigational breakwaters
2 for Port Orford, Oregon.

3 **SEC. 4132. BUHL LAKE, SHARON, PENNSYLVANIA.**

4 (a) IN GENERAL.—The Secretary shall conduct a
5 study to determine the feasibility of carrying out a multi-
6 purpose project for flood damage reduction and environ-
7 mental restoration for Buhl Lake, Sharon, Pennsylvania.

8 (b) PRIOR WORK.—In carrying out the study, the
9 Secretary shall utilize, to the extent practicable, any work
10 undertaken in the formulation of a project for environ-
11 mental restoration, Buhl Lake, Sharon, Pennsylvania, ini-
12 tiated under section 206 of the Water Resources Develop-
13 ment Act of 1996 (33 U.S.C. 2330; 110 Stat. 3679).

14 **SEC. 4133. DELAWARE RIVER AND TRIBUTARIES, BUCKS**
15 **COUNTY, PENNSYLVANIA.**

16 The Secretary shall conduct a comprehensive water-
17 shed study to determine the feasibility of carrying out
18 projects for flood damage reduction and environmental
19 restoration for the Delaware River and tributaries, Bucks
20 County, Pennsylvania.

21 **SEC. 4134. ELK CREEK, MEADVILLE, PENNSYLVANIA.**

22 The Secretary shall conduct a study to determine the
23 feasibility of carrying out a project for environmental res-
24 toration and water quality for Elk Creek, Meadville, Penn-
25 sylvania.

1 **SEC. 4135. MILL CREEK, ERIE, PENNSYLVANIA.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for flood damage re-
4 duction, focusing on the Mill Creek Drift Catcher, for Mill
5 Creek, Erie, Pennsylvania.

6 **SEC. 4136. SUSQUEHANNA RIVER, PENNSYLVANIA.**

7 The Secretary shall conduct a study to determine the
8 feasibility of carrying out a project for environmental res-
9 toration for the Susquehanna River, Pennsylvania.

10 **SEC. 4137. WESTERN PENNSYLVANIA FLOOD DAMAGE RE-**
11 **DUCTION.**

12 Section 4077 of the Water Resources Development
13 Act of 2007 (121 Stat. 1184) is amended—

14 (1) in subsection (a), by striking “Mahoning
15 River basin, Pennsylvania” and inserting “Mahoning
16 River basin, Pennsylvania, the Monongahela River
17 basin, Pennsylvania,”; and

18 (2) in subsection (b), by striking “Shaler Town-
19 ship” and inserting “Shaler Township, Hampton
20 Township, Harmar Township,”.

21 **SEC. 4138. GUAYAMA, PUERTO RICO.**

22 The Secretary shall conduct a study to determine the
23 feasibility of carrying out a project for hurricane and
24 storm damage reduction for Guayama, Puerto Rico.

1 **SEC. 4139. RINCON, PUERTO RICO.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for flood damage re-
4 duction and shoreline protection for the Municipality of
5 Rincon, Puerto Rico.

6 **SEC. 4140. PROVIDENCE, RHODE ISLAND.**

7 The Secretary shall conduct a study to determine the
8 feasibility of carrying out projects for flood damage reduc-
9 tion and related water resource purposes for the rivers in
10 Providence, Rhode Island.

11 **SEC. 4141. SOUTH CAROLINA.**

12 The Secretary, in collaboration with all relevant Fed-
13 eral and non-Federal entities, including State and local
14 governments, nonprofit organizations, academia, and the
15 general public, shall conduct comprehensive watershed
16 studies of all 8 watersheds in South Carolina for water
17 quality, habitat condition, environmental restoration,
18 water supply, and the potential impacts of climate change
19 for South Carolina.

20 **SEC. 4142. JAMES RIVER, SOUTH DAKOTA.**

21 The Secretary shall conduct a study to determine the
22 feasibility of modifying the project for channel restoration
23 and improvements on the James River, South Dakota, au-
24 thorized by section 401(b) of the Water Resources Devel-
25 opment Act of 1986 (100 Stat. 4128) to add ecosystem

1 restoration and watershed improvements as project pur-
2 poses.

3 **SEC. 4143. STATION CAMP CREEK, GALLATIN, TENNESSEE.**

4 The Secretary shall conduct a study to determine the
5 feasibility of carrying out a project for environmental res-
6 toration for Station Camp Creek, Gallatin, Tennessee.

7 **SEC. 4144. BRAZOS RIVER, TEXAS.**

8 The Secretary shall conduct a study assessing the
9 long-term impacts of water use, withdrawal, recirculation,
10 and downstream impacts on the Whitney Lake Reservoir,
11 Texas.

12 **SEC. 4145. HICKORY CREEK, CITY OF BALCH SPRINGS,**
13 **TEXAS.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out a project for flood damage re-
16 duction for Hickory Creek, City of Balch Springs, Texas.

17 **SEC. 4146. HOUSTON-GALVESTON NAVIGATION CHANNELS**
18 **(BARBOURS CUT), TEXAS.**

19 The Secretary shall conduct a study of the feasibility
20 of modifying the Barbours Cut element of the project for
21 navigation and environmental restoration, Houston-Gal-
22 veston Navigation Channels, Texas, authorized by section
23 101(a)(30) of the Water Resources Development Act of
24 1996 (110 Stat. 3666), to a depth of 45 feet.

1 **SEC. 4147. PORT OF GALVESTON, TEXAS.**

2 The Secretary shall conduct a study of the feasibility
3 of carrying out a project for dredged material disposal in
4 the vicinity of the project for navigation and environ-
5 mental restoration, Houston-Galveston Navigation Chan-
6 nels, Texas, authorized by section 101(a)(30) of the Water
7 Resources Development Act of 1996 (110 Stat. 3666).

8 **SEC. 4148. SIMSBORO AQUIFER, CITY OF BALSTROP, TEXAS.**

9 The Secretary shall conduct a study to determine the
10 feasibility of utilizing the Simsboro Aquifer for water sup-
11 ply for the City of Balstrop, Texas.

12 **SEC. 4149. NAVASOTA RIVER WATERSHED, GRIMES COUN-**
13 **TY, TEXAS.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out a project for flood damage re-
16 duction, environmental restoration, and related water re-
17 source purposes for the Navasota River watershed, Grimes
18 County, Texas.

19 **SEC. 4150. RIO GRANDE BASIN, TEXAS.**

20 The Secretary shall conduct a study to determine the
21 feasibility of carrying out a project for flood damage re-
22 duction, environmental restoration, and water supply for
23 the Rio Grande basin, Texas.

1 **SEC. 4151. ROMA, TEXAS.**

2 The Secretary shall conduct a study to determine the
3 feasibility of carrying out a project for flood damage re-
4 duction for Roma, Texas.

5 **SEC. 4152. COTTONWOOD HEIGHTS, UTAH.**

6 The Secretary shall conduct a study to determine the
7 feasibility of carrying out a project for streambank sta-
8 bilization for Cottonwood Heights, Utah.

9 **SEC. 4153. EMERY TOWN, UTAH.**

10 The Secretary shall conduct a comprehensive study
11 of existing water supply resources for Emery Town, Utah.

12 **SEC. 4154. BIG SANDY RIVER REALLOCATION STUDY, VIR-**
13 **GINIA AND WEST VIRGINIA.**

14 The Secretary shall conduct a comprehensive water-
15 shed study to determine the feasibility of reallocating
16 water storage at 6 reservoirs to optimize benefits for mul-
17 tiple-purpose use in the Big Sandy River watershed, Vir-
18 ginia and West Virginia.

19 **SEC. 4155. BUCKROE AND GRANDVIEW BEACHES, HAMP-**
20 **TON, VIRGINIA.**

21 The Secretary shall conduct a study to determine the
22 feasibility of carrying out a project for shoreline protection
23 for Buckroe and Grandview Beaches, Hampton, Virginia.

24 **SEC. 4156. FORT MONROE, HAMPTON, VIRGINIA.**

25 The Secretary shall conduct a study to determine the
26 feasibility of carrying out a project for hurricane and

1 storm damage reduction, including offshore breakwaters,
2 for Fort Monroe, Hampton, Virginia.

3 **SEC. 4157. HAMPTON, VIRGINIA.**

4 The Secretary shall conduct a study to determine the
5 feasibility of carrying out projects for hurricane and storm
6 damage reduction and shoreline protection for Hampton,
7 Virginia.

8 **SEC. 4158. JAMES RIVER WATERSHED, VIRGINIA.**

9 The Secretary shall conduct a comprehensive water-
10 shed study to determine the water resource needs, includ-
11 ing current and projected future needs, for the James
12 River watershed, Virginia.

13 **SEC. 4159. ELLIOTT BAY, SEATTLE, WASHINGTON.**

14 The Secretary shall conduct a study to determine the
15 feasibility of carrying out a project for navigation channel
16 deepening for Elliott Bay, Seattle, Washington.

17 **SEC. 4160. GREEN RIVER, KENT, WASHINGTON.**

18 The Secretary shall conduct a study to determine the
19 feasibility of carrying out a project for flood damage re-
20 duction for the Green River, Kent, Washington.

21 **SEC. 4161. VANCOUVER LAKE WATERSHED, VANCOUVER,**
22 **WASHINGTON.**

23 The Secretary shall conduct a comprehensive water-
24 shed study to determine the feasibility of carrying out
25 projects for environmental quality and environmental res-

1 toration, especially related to salmon and steelhead recov-
 2 ery issues, for the Vancouver Lake watershed, Vancouver,
 3 Washington.

4 **SEC. 4162. LAKE MICHIGAN SHORELINE, CITY OF CUDAHY,**
 5 **WISCONSIN.**

6 The Secretary shall conduct a study to determine the
 7 feasibility of carrying out a project for shoreline protection
 8 for the Lake Michigan shoreline, City of Cudahy, Wis-
 9 consin.

10 **TITLE V—MISCELLANEOUS**

11 **SEC. 5001. CHESAPEAKE BAY ENVIRONMENTAL RESTORA-**
 12 **TION AND PROTECTION PROGRAM.**

13 (a) IN GENERAL.—Section 510 of the Water Re-
 14 sources Development Act of 1996 (110 Stat. 3759; 121
 15 Stat. 1202) is amended—

16 (1) in subsection (a)(1) by striking “pilot”;

17 (2) in subsection (d(2)) by adding at the end
 18 the following:

19 “(C) IN-KIND SERVICES.—In accordance
 20 with section 221 of the Flood Control Act of
 21 1970 (42 U.S.C. 1962d–5b), the non-Federal
 22 interest may provide any portion of the non-
 23 Federal share of the costs of the project carried
 24 out under this section in the form of in-kind
 25 services and materials.

1 “(D) TREATMENT OF CERTAIN FUNDS.—

2 In accordance with section 2007 of the Water
3 Resources Development Act of 2007 (33 U.S.C.
4 2222), funds provided by a Federal department
5 or agency other than the Corps of Engineers
6 for a project carried out under this section shall
7 be credited towards the non-Federal share of
8 the cost of project.”

9 (3) by redesignating subsections (e), (f), (g),
10 (h), and (i) as subsections (f), (g), (h), (i), and (j),
11 respectively;

12 (4) by inserting after subsection (d) the fol-
13 lowing:

14 “(e) COST LIMITATION.—Not more than
15 \$10,000,000 in Federal funds may be allotted under this
16 section for a project at any single locality.”;

17 (5) by striking subsection (g) (as redesignated
18 by paragraph (3) of this subsection) and inserting
19 the following:

20 “(g) PROJECTS.—The Secretary may carry out
21 projects under this section in the Chesapeake Bay water-
22 shed, with the goal of carrying out projects in each of the
23 States of Delaware, New York, Maryland, Pennsylvania,
24 Virginia, and West Virginia and the District of Colum-
25 bia.”; and

1 (6) in subsection (j) (as redesignated by para-
2 graph (3) of this subsection) by striking
3 “\$40,000,000” and inserting “\$50,000,000”.

4 (b) RESTORATION OF CHESAPEAKE BAY ECO-
5 SYSTEM.—

6 (1) IN GENERAL.—Not later than 2 years after
7 the date of enactment of this Act, the Secretary
8 shall develop at Federal expense and submit to Con-
9 gress a comprehensive plan to prioritize projects
10 within the Chesapeake Bay watershed, including
11 projects in the Anacostia, Elizabeth, James, Pa-
12 tapsco, Patuxent, Potomac, Rappahannock, Susque-
13 hanna, and York River basins.

14 (2) REQUIREMENTS.—The Secretary shall en-
15 sure that the plan developed under paragraph (1)—

16 (A) focuses on integrating existing and po-
17 tential future work of the Corps of Engineers;

18 (B) is developed in consultation with the
19 Chesapeake Bay Program maintained under
20 section 117 of the Federal Water Pollution
21 Control Act (33 U.S.C. 1267)); and

22 (C) encompasses all actions of the Corps of
23 Engineers that are necessary to assist in the
24 implementation of the goals of the Chesapeake
25 Bay Agreement, as defined in section 117 of

1 the Federal Water Pollution Control Act (33
2 U.S.C. 1267)).

3 (3) AUTHORIZATION OF APPROPRIATIONS.—

4 There is authorized to be appropriated to carry out
5 this subsection \$1,000,000.

6 **SEC. 5002. SAINT LAWRENCE SEAWAY.**

7 Section 5015(a) of the Water Resources Development
8 Act of 2007 (121 Stat. 1196) is amended by striking
9 “\$134,650,000” and inserting “\$185,638,028”.

10 **SEC. 5003. WATERSHED MANAGEMENT.**

11 Section 5002(d) of the Water Resources Development
12 Act of 2007 (121 Stat. 1190) is amended—

13 (1) in paragraph (9) by striking “Esopus,
14 Plattekill, and Rondout Creeks” and inserting
15 “Esopus, Rondout, and Wallkill watersheds”; and

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

17 “(19) San Gabriel River watershed, California.

18 “(20) South Platte River watershed, Colorado.

19 “(21) Loxahatchee River watershed, Jupiter,
20 Florida.

21 “(22) Hudson River watershed, Orange,
22 Dutchess, and Ulster Counties, New York.

23 “(23) Muskingum River basin, Ohio.”.

1 **SEC. 5004. COMPREHENSIVE SHORELINE RESTORATION.**

2 (a) IN GENERAL.—The Secretary may participate in
3 the ecosystem restoration, navigation, flood damage reduc-
4 tion, and emergency streambank protection components of
5 projects at the locations described in subsection (b) if the
6 Secretary determines that such component is feasible.

7 (b) PROJECT LOCATIONS.—The locations referred to
8 in subsection (a) are as follows:

9 (1) Miller Knox Shoreline, Richmond, Cali-
10 fornia.

11 (2) Mississippi River, Davenport, Iowa.

12 (3) Lake Michigan (in the vicinity of the former
13 USX Site), Chicago, Illinois.

14 (4) Pond and Mill Creek, Louisville, Kentucky.

15 (5) Massachusetts Bay (in the vicinity of
16 Georges Island), Boston, Massachusetts.

17 (6) Mississippi River (in the vicinity of the
18 lower St. Anthony Falls), Minneapolis, Minnesota.

19 (7) Brush Creek, Kansas City, Missouri.

20 (8) Mississippi River, Kimmswick, Missouri.

21 (9) Delaware River, Trenton, New Jersey.

22 (10) East River, New York, New York.

23 (11) Upper New York Bay, Staten Island, New
24 York.

25 (12) Abbott's Creek, Lexington, North Caro-
26 lina.

1 (13) Ohio River, Belpre, Ohio.

2 (14) Schuylkill River, Philadelphia, Pennsyl-
3 vania.

4 (15) Ohio, Allegheny, and Monongahela Rivers,
5 Pittsburgh, Pennsylvania.

6 (16) Ohio River, Pittsburgh, Pennsylvania.

7 (17) Fields Point, Narragansett Bay, Provi-
8 dence, Rhode Island.

9 (18) Congaree River, Columbia, South Carolina.

10 (19) Wolf Creek Harbor, Mississippi River,
11 Tennessee.

12 (20) Ruston Way Seawall, Commencement Bay,
13 Tacoma, Washington.

14 (21) Lower Yahara River, McFarland, Wis-
15 consin.

16 (c) COST LIMITATION.—Not more than \$5,000,000
17 in Federal funds may be allotted under this section for
18 a project at any single locality.

19 (d) RECREATION.—The Secretary may include rec-
20 reational components as part of a project carried out
21 under this section.

22 (e) FUNDING.—There is authorized to be appro-
23 priated to carry out this section \$25,000,000 for each fis-
24 cal years 2011 through 2016.

1 **SEC. 5005. NORTHEAST COASTAL REGION ECOSYSTEM RES-**
2 **TORATION.**

3 (a) IN GENERAL.—The Secretary shall plan, design,
4 and construct projects for aquatic ecosystem restoration
5 within the coastal waters of the Northeastern United
6 States from Virginia to Maine, including associated bays,
7 estuaries, and critical riverine areas.

8 (b) GENERAL COASTAL MANAGEMENT PLAN.—

9 (1) ASSESSMENT.—The Secretary, in coordina-
10 tion with the Administrator of the Environmental
11 Protection Agency, the heads of other appropriate
12 Federal agencies, the Governors of the coastal
13 States from Virginia to Maine, nonprofit organiza-
14 tions, and other interested parties, shall assess the
15 needs regarding, and opportunities for, aquatic eco-
16 system restoration within the coastal waters of the
17 Northeastern United States.

18 (2) PLAN.—The Secretary shall develop a gen-
19 eral coastal management plan based on the assess-
20 ment carried out under paragraph (1), maximizing
21 the use of existing plans and investigations. The
22 Secretary shall include in the plan the following:

23 (A) An inventory and evaluation of coastal
24 habitats.

25 (B) Identification of aquatic resources in
26 need of improvement.

1 (C) Identification and prioritization of po-
2 tential aquatic habitat restoration projects.

3 (D) Identification of geographical and eco-
4 logical areas of concern, including—

5 (i) finfish habitats;

6 (ii) diadromous fisheries migratory
7 corridors;

8 (iii) shellfish habitats;

9 (iv) submerged aquatic vegetation;

10 (v) wetlands; and

11 (vi) beach dune complexes and other
12 similar habitats.

13 (c) ELIGIBLE PROJECTS.—The Secretary may carry
14 out an aquatic ecosystem restoration project under this
15 section if the project—

16 (1) is consistent with the management plan de-
17 veloped under subsection (b); and

18 (2) provides for—

19 (A) the restoration of degraded aquatic
20 habitat (including coastal, saltmarsh, benthic,
21 and riverine habitat);

22 (B) the restoration of geographical or eco-
23 logical areas of concern, including the restora-
24 tion of natural river and stream characteristics;

25 (C) the improvement of water quality; or

1 (D) other projects or activities determined
2 to be appropriate by the Secretary.

3 (d) COST SHARING.—

4 (1) MANAGEMENT PLAN.—The management
5 plan developed under subsection (b) shall be com-
6 pleted at Federal expense.

7 (2) RESTORATION PROJECTS.—The non-Fed-
8 eral share of the cost of a project carried out under
9 this section shall be 35 percent.

10 (e) COST LIMITATION.—Not more than \$10,000,000
11 in Federal funds may be allocated under this section for
12 an eligible project.

13 (f) AUTHORIZATION OF APPROPRIATIONS.—There is
14 authorized to be appropriated to carry out this section
15 \$25,000,000 for fiscal year 2011 and each fiscal year
16 thereafter, including funds for the completion of the man-
17 agement plan.

18 **SEC. 5006. ANACOSTIA WATERSHED, DISTRICT OF COLUM-**
19 **BIA AND MARYLAND.**

20 (a) IN GENERAL.—The Secretary may participate in
21 the ecosystem restoration, navigation, flood damage reduc-
22 tion, emergency streambank protection, and aquatic plant
23 control components of the Anacostia River Watershed
24 Restoration Plan, developed pursuant to section 5060 of
25 the Water Resources Development Act of 2007 (121 Stat.

1 1215), if the Secretary determines that such component
2 is feasible.

3 (b) CONSULTATION.—In carrying out this section,
4 the Secretary shall consult with the Anacostia Watershed
5 Restoration Partnership.

6 (c) FEDERAL LANDS.—In carrying out a project
7 component under subsection (a), the Secretary shall waive
8 any cost share to be provided by non-Federal interests for
9 any portion of the project component that benefits feder-
10 ally owned property.

11 (d) AUTHORIZATION OF APPROPRIATIONS.—There is
12 authorized to be appropriated to carry out this section
13 \$25,000,000. Such sums shall remain available until ex-
14 pended.

15 **SEC. 5007. EGMONT KEY, FLORIDA.**

16 The Secretary shall accept funds from the Director
17 of the United States Fish and Wildlife Service to carry
18 out those portions of the project for shoreline stabilization,
19 Egmont Key, Florida, carried out under section 3 of the
20 Act entitled “An Act authorizing Federal participation in
21 the cost of protecting the shores of publicly owned prop-
22 erty”, approved August 13, 1946 (33 U.S.C. 426g), that
23 benefit federally owned property.

1 **SEC. 5008. CAMBRIDGE, MARYLAND.**

2 The Secretary is authorized to carry out projects for
3 environmental protection and restoration at the
4 Blackwater Wildlife Refuge, Cambridge, Maryland. In car-
5 rying out such projects, the Secretary shall accept funds
6 from the Director of the United States Fish and Wildlife
7 Service.

8 **SEC. 5009. HART-MILLER ISLAND, MARYLAND.**

9 After the date of enactment of this Act, the Secretary
10 may not consider the use or expansion of Hart-Miller Is-
11 land, Maryland, in any dredged material management
12 plan.

13 **SEC. 5010. GALLOPS ISLAND, BOSTON, MASSACHUSETTS.**

14 The Secretary is authorized to carry out a project for
15 the environmental remediation of Gallops Island, Boston,
16 Massachusetts. In carrying out such project, the Secretary
17 shall accept funds from the Director of the National Park
18 Service.

19 **SEC. 5011. SHARKEY COUNTY, MISSISSIPPI.**

20 Funding for the operation and maintenance of the
21 multiagency wildlife and environmental interpretative and
22 education center, authorized by section 145(f) of Division
23 H of Public Law 108–199 (118 Stat. 443), shall be pro-
24 vided by the Secretary of the Interior.

1 **SEC. 5012. SENSE OF CONGRESS ON THE PROMOTION OF**
2 **GENERAL MICHAEL J. WALSH TO MAJOR**
3 **GENERAL, UNITED STATES ARMY.**

4 (a) FINDINGS.—Congress finds the following:

5 (1) Brigadier General Michael J. Walsh has
6 had a distinguished 30-year career with the United
7 States Army Corps of Engineers, including as—

8 (A) District Commander of the San Fran-
9 cisco District, San Francisco, California, from
10 1994 to 1996;

11 (B) District Commander of the Sac-
12 ramento District, Sacramento, California, from
13 1998 to 2001;

14 (C) Executive Director of Civil Works,
15 Corps Headquarters, Washington, District of
16 Columbia, from 2001 to 2003;

17 (D) Chief of Staff, Corps Headquarters,
18 Washington, District of Columbia, from 2003
19 to 2004;

20 (E) Commander of the South Atlantic Di-
21 vision, Atlanta, Georgia, from 2004 to 2006;

22 (F) Commander for the Corps Gulf Region
23 Division, Baghdad, Iraq, from 2006 to 2008;
24 and

1 (G) Commander of the Mississippi Valley
2 Division, Vicksburg, Mississippi, from 2008 to
3 2010.

4 (2) General Walsh has held a wide variety of
5 Army command and staff assignments, including—

6 (A) project management officer for Engi-
7 neer Branch, Supreme Headquarters, Allied
8 Powers, Europe (SHAPE);

9 (B) Environmental Task Force Leader,
10 Fort Stewart, Georgia;

11 (C) Executive Officer, 92nd Engineer Bat-
12 talion, Fort Stewart, Georgia, and Saudi Ara-
13 bia;

14 (D) Project Engineer and Assistant Area
15 Engineer, Baltimore District;

16 (E) Construction Officer, 18th Engineer
17 Brigade, Darmstadt, Germany; and

18 (F) Commander, Company B, 94th Engi-
19 neer Battalion, Darmstadt, Germany.

20 (3) General Walsh has received several awards
21 of the United States Army, including 2 Bronze
22 Stars, 4 Legions of Merit, and numerous lesser
23 awards.

24 (4) On October 27, 2009, the Committee on
25 Armed Services of the Senate unanimously approved

1 the nomination of General Walsh to the rank of
2 Major General, United States Army.

3 (5) General Walsh's nomination was unreason-
4 ably delayed on the floor of the Senate for 7 months.

5 (6) On May 19, 2010, the nomination of Gen-
6 eral Walsh to Major General of the United States
7 Army was confirmed by the United States Senate by
8 unanimous consent.

9 (7) On June 2, 2010, Brigadier General Walsh
10 was formally promoted to the rank of Major Gen-
11 eral.

12 (b) SENSE OF CONGRESS.—It is the Sense of Con-
13 gress that General Walsh should be congratulated for his
14 promotion to the rank of Major General, United States
15 Army, and should be commended for his duty and dedica-
16 tion to the United States, to the United States Army, and
17 to the Corps of Engineers.

○