

1948, ch. 758, 62 Stat. 1155, and amended by acts July 17, 1952, ch. 927, 66 Stat. 755; July 9, 1956, ch. 518, §§1, 2, 70 Stat. 498-507; June 25, 1959, Pub. L. 86-70, 73 Stat. 141; July 12, 1960, Pub. L. 86-624, 74 Stat. 411; July 20, 1961, Pub. L. 87-88, 75 Stat. 204; Oct. 2, 1965, Pub. L. 89-234, 79 Stat. 903; Nov. 3, 1966, Pub. L. 89-753, 80 Stat. 1246; Apr. 3, 1970, Pub. L. 91-224, 84 Stat. 91; Dec. 31, 1970, Pub. L. 91-611, 84 Stat. 1818; July 9, 1971, Pub. L. 92-50, 85 Stat. 124; Oct. 13, 1971, Pub. L. 92-137, 85 Stat. 379; Mar. 1, 1972, Pub. L. 92-240, 86 Stat. 47, and was formerly classified first to section 466 et seq. of this title and later to section 1151 et seq. of this title. The act is shown herein, however, as having been added by Pub. L. 92-500 without reference to such intervening amendments because of the extensive amendment, reorganization, and expansion of the act's provisions by Pub. L. 92-500.

SUBCHAPTER I—RESEARCH AND RELATED PROGRAMS

§ 1251. Congressional declaration of goals and policy

(a) Restoration and maintenance of chemical, physical and biological integrity of Nation's waters; national goals for achievement of objective

The objective of this chapter is to restore and maintain the chemical, physical, and biological integrity of the Nation's waters. In order to achieve this objective it is hereby declared that, consistent with the provisions of this chapter—

(1) it is the national goal that the discharge of pollutants into the navigable waters be eliminated by 1985;

(2) it is the national goal that wherever attainable, an interim goal of water quality which provides for the protection and propagation of fish, shellfish, and wildlife and provides for recreation in and on the water be achieved by July 1, 1983;

(3) it is the national policy that the discharge of toxic pollutants in toxic amounts be prohibited;

(4) it is the national policy that Federal financial assistance be provided to construct publicly owned waste treatment works;

(5) it is the national policy that areawide waste treatment management planning processes be developed and implemented to assure adequate control of sources of pollutants in each State;

(6) it is the national policy that a major research and demonstration effort be made to develop technology necessary to eliminate the discharge of pollutants into the navigable waters, waters of the contiguous zone, and the oceans; and

(7) it is the national policy that programs for the control of nonpoint sources of pollution be developed and implemented in an expeditious manner so as to enable the goals of this chapter to be met through the control of both point and nonpoint sources of pollution.

(b) Congressional recognition, preservation, and protection of primary responsibilities and rights of States

It is the policy of the Congress to recognize, preserve, and protect the primary responsibilities and rights of States to prevent, reduce, and eliminate pollution, to plan the development and use (including restoration, preservation, and enhancement) of land and water resources, and

to consult with the Administrator in the exercise of his authority under this chapter. It is the policy of Congress that the States manage the construction grant program under this chapter and implement the permit programs under sections 1342 and 1344 of this title. It is further the policy of the Congress to support and aid research relating to the prevention, reduction, and elimination of pollution and to provide Federal technical services and financial aid to State and interstate agencies and municipalities in connection with the prevention, reduction, and elimination of pollution.

(c) Congressional policy toward Presidential activities with foreign countries

It is further the policy of Congress that the President, acting through the Secretary of State and such national and international organizations as he determines appropriate, shall take such action as may be necessary to insure that to the fullest extent possible all foreign countries shall take meaningful action for the prevention, reduction, and elimination of pollution in their waters and in international waters and for the achievement of goals regarding the elimination of discharge of pollutants and the improvement of water quality to at least the same extent as the United States does under its laws.

(d) Administrator of Environmental Protection Agency to administer chapter

Except as otherwise expressly provided in this chapter, the Administrator of the Environmental Protection Agency (hereinafter in this chapter called "Administrator") shall administer this chapter.

(e) Public participation in development, revision, and enforcement of any regulation, etc.

Public participation in the development, revision, and enforcement of any regulation, standard, effluent limitation, plan, or program established by the Administrator or any State under this chapter shall be provided for, encouraged, and assisted by the Administrator and the States. The Administrator, in cooperation with the States, shall develop and publish regulations specifying minimum guidelines for public participation in such processes.

(f) Procedures utilized for implementing chapter

It is the national policy that to the maximum extent possible the procedures utilized for implementing this chapter shall encourage the drastic minimization of paperwork and inter-agency decision procedures, and the best use of available manpower and funds, so as to prevent needless duplication and unnecessary delays at all levels of government.

(g) Authority of States over water

It is the policy of Congress that the authority of each State to allocate quantities of water within its jurisdiction shall not be superseded, abrogated or otherwise impaired by this chapter. It is the further policy of Congress that nothing in this chapter shall be construed to supersede or abrogate rights to quantities of water which have been established by any State. Federal agencies shall co-operate with State and local agencies to develop comprehensive solu-

tions to prevent, reduce and eliminate pollution in concert with programs for managing water resources.

(June 30, 1948, ch. 758, title I, § 101, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 816; amended Pub. L. 95-217, §§ 5(a), 26(b), Dec. 27, 1977, 91 Stat. 1567, 1575; Pub. L. 100-4, title III, § 316(b), Feb. 4, 1987, 101 Stat. 60.)

AMENDMENTS

1987—Subsec. (a)(7). Pub. L. 100-4 added par. (7).

1977—Subsec. (b). Pub. L. 95-217, § 26(b), inserted provisions expressing Congressional policy that the States manage the construction grant program under this chapter and implement the permit program under sections 1342 and 1344 of this title.

Subsec. (g). Pub. L. 95-217, § 5(a), added subsec. (g).

SHORT TITLE OF 2008 AMENDMENT

Pub. L. 110-365, § 1, Oct. 8, 2008, 122 Stat. 4021, provided that: “This Act [amending sections 1268 and 1271a of this title] may be cited as the ‘Great Lakes Legacy Reauthorization Act of 2008’.”

Pub. L. 110-288, § 1, July 29, 2008, 122 Stat. 2650, provided that: “This Act [amending sections 1322, 1342, and 1362 of this title] may be cited as the ‘Clean Boating Act of 2008’.”

SHORT TITLE OF 2002 AMENDMENT

Pub. L. 107-303, § 1(a), Nov. 27, 2002, 116 Stat. 2355, provided that: “This Act [enacting section 1271a of this title, amending sections 1254, 1266, 1268, 1270, 1285, 1290, 1324, 1329, 1330, and 1375 of this title, enacting provisions set out as notes under this section, section 1254 of this title, and section 1113 of Title 31, Money and Finance, and repealing provisions set out as a note under section 50 of Title 20, Education] may be cited as the ‘Great Lakes and Lake Champlain Act of 2002’.”

Pub. L. 107-303, title I, § 101, Nov. 27, 2002, 116 Stat. 2355, provided that: “This title [enacting section 1271a of this title and amending section 1268 of this title] may be cited as the ‘Great Lakes Legacy Act of 2002’.”

Pub. L. 107-303, title II, § 201, Nov. 27, 2002, 116 Stat. 2358, provided that: “This title [amending section 1270 of this title] may be cited as the ‘Daniel Patrick Moynihan Lake Champlain Basin Program Act of 2002’.”

SHORT TITLE OF 2000 AMENDMENTS

Pub. L. 106-457, title II, § 201, Nov. 7, 2000, 114 Stat. 1967, provided that: “This title [amending section 1267 of this title and enacting provisions set out as a note under section 1267 of this title] may be cited as the ‘Chesapeake Bay Restoration Act of 2000’.”

Pub. L. 106-457, title IV, § 401, Nov. 7, 2000, 114 Stat. 1973, provided that: “This title [amending section 1269 of this title] may be cited as the ‘Long Island Sound Restoration Act’.”

Pub. L. 106-457, title V, § 501, Nov. 7, 2000, 114 Stat. 1973, provided that: “This title [enacting section 1273 of this title] may be cited as the ‘Lake Pontchartrain Basin Restoration Act of 2000’.”

Pub. L. 106-457, title VI, § 601, Nov. 7, 2000, 114 Stat. 1975, provided that: “This title [enacting section 1300 of this title] may be cited as the ‘Alternative Water Sources Act of 2000’.”

Pub. L. 106-284, § 1, Oct. 10, 2000, 114 Stat. 870, provided that: “This Act [enacting sections 1346 and 1375a of this title and amending sections 1254, 1313, 1314, 1362, and 1377 of this title] may be cited as the ‘Beaches Environmental Assessment and Coastal Health Act of 2000’.”

SHORT TITLE OF 1994 AMENDMENT

Pub. L. 103-431, § 1, Oct. 31, 1994, 108 Stat. 4396, provided that: “This Act [amending section 1311 of this title] may be cited as the ‘Ocean Pollution Reduction Act’.”

SHORT TITLE OF 1990 AMENDMENT

Pub. L. 101-596, § 1, Nov. 16, 1990, 104 Stat. 3000, provided that: “This Act [enacting sections 1269 and 1270 of

this title, amending sections 1268, 1324, and 1416 of this title, and enacting provisions set out as notes under this section and section 1270 of this title] may be cited as the ‘Great Lakes Critical Programs Act of 1990’.”

Pub. L. 101-596, title II, § 201, Nov. 16, 1990, 104 Stat. 3004, provided that: “This part [probably means title, enacting section 1269 of this title and amending section 1416 of this title] may be cited as the ‘Long Island Sound Improvement Act of 1990’.”

Pub. L. 101-596, title III, § 301, Nov. 16, 1990, 104 Stat. 3006, provided that: “This title [enacting section 1270 of this title, amending section 1324 of this title, and enacting provisions set out as a note under section 1270 of this title] may be cited as the ‘Lake Champlain Special Designation Act of 1990’.”

SHORT TITLE OF 1988 AMENDMENT

Pub. L. 100-653, title X, § 1001, Nov. 14, 1988, 102 Stat. 3835, provided that: “This title [amending section 1330 of this title and enacting provisions set out as notes under section 1330 of this title] may be cited as the ‘Massachusetts Bay Protection Act of 1988’.”

SHORT TITLE OF 1987 AMENDMENT

Section 1(a) of Pub. L. 100-4 provided that: “This Act [enacting sections 1254a, 1267, 1268, 1281b, 1329, 1330, 1377, 1381 to 1387, and 1414a of this title, amending this section and sections 1254, 1256, 1262, 1281, 1282 to 1285, 1287, 1288, 1291, 1311 to 1313, 1314, 1317 to 1322, 1324, 1342, 1344, 1345, 1361, 1362, 1365, 1369, 1375, and 1376 of this title, and enacting provisions set out as notes under this section, sections 1284, 1311, 1317, 1319, 1330, 1342, 1345, 1362, 1375, and 1414a of this title, and section 1962d-20 of Title 42, The Public Health and Welfare] may be cited as the ‘Water Quality Act of 1987’.”

SHORT TITLE OF 1981 AMENDMENT

Pub. L. 97-117, § 1, Dec. 29, 1981, 95 Stat. 1623, provided that: “This Act [enacting sections 1298, 1299, and 1313a of this title, amending sections 1281 to 1285, 1287, 1291, 1292, 1296, 1311, and 1314 of this title, and enacting provisions set out as notes under sections 1311 and 1375 of this title] may be cited as the ‘Municipal Wastewater Treatment Construction Grant Amendments of 1981’.”

SHORT TITLE OF 1977 AMENDMENT

Section 1 of Pub. L. 95-217 provided: “That this Act [enacting sections 1281a, 1294 to 1296, and 1297 of this title, amending this section and sections 1252, 1254 to 1256, 1259, 1262, 1263, 1281, 1282 to 1288, 1291, 1292, 1311, 1314, 1315, 1317 to 1319, 1321 to 1324, 1328, 1341, 1342, 1344, 1345, 1362, 1364, 1375, and 1376 of this title, enacting provisions set out as notes under this section and sections 1284, 1286, 1314, 1321, 1342, 1344, and 1376 of this title, and amending provisions set out as a note under this section] may be cited as the ‘Clean Water Act of 1977’.”

SHORT TITLE

Section 1 of Pub. L. 92-500 provided that: “That this Act [enacting this chapter, amending section 24 of Title 12, Banks and Banking, sections 633 and 636 of Title 15, Commerce and Trade, and section 711 of former Title 31, Money and Finance, and enacting provisions set out as notes under this section and sections 1281 and 1361 of this title] may be cited as the ‘Federal Water Pollution Control Act Amendments of 1972’.”

Section 519, formerly section 518, of Act June 30, 1948, ch. 758, title V, as added Oct. 18, 1972, Pub. L. 92-500, § 2, 86 Stat. 896, and amended Dec. 27, 1977, Pub. L. 95-217, § 2, 91 Stat. 1566, and renumbered § 519, Feb. 4, 1987, Pub. L. 100-4, title V, § 506, 101 Stat. 76, provided that: “This Act [this chapter] may be cited as the ‘Federal Water Pollution Control Act’ (commonly referred to as the Clean Water Act).”

SAVINGS PROVISION

Section 4 of Pub. L. 92-500 provided that:

“(a) No suit, action, or other proceeding lawfully commenced by or against the Administrator or any

other officer or employee of the United States in his official capacity or in relation to the discharge of his official duties under the Federal Water Pollution Control Act as in effect immediately prior to the date of enactment of this Act [Oct. 18, 1972] shall abate by reason of the taking effect of the amendment made by section 2 of this Act [which enacted this chapter]. The court may, on its own motion or that of any party made at any time within twelve months after such taking effect, allow the same to be maintained by or against the Administrator or such officer or employee.

“(b) All rules, regulations, orders, determinations, contracts, certifications, authorizations, delegations, or other actions duly issued, made, or taken by or pursuant to the Federal Water Pollution Control Act as in effect immediately prior to the date of enactment of this Act [Oct. 18, 1972], and pertaining to any functions, powers, requirements, and duties under the Federal Water Pollution Control Act as in effect immediately prior to the date of enactment of this Act [Oct. 18, 1972] shall continue in full force and effect after the date of enactment of this Act [Oct. 18, 1972] until modified or rescinded in accordance with the Federal Water Pollution Control Act as amended by this Act [this chapter].

“(c) The Federal Water Pollution Control Act as in effect immediately prior to the date of enactment of this Act [Oct. 18, 1972] shall remain applicable to all grants made from funds authorized for the fiscal year ending June 30, 1972, and prior fiscal years, including any increases in the monetary amount of any such grant which may be paid from authorizations for fiscal years beginning after June 30, 1972, except as specifically otherwise provided in section 202 of the Federal Water Pollution Control Act as amended by this Act [section 1282 of this title] and in subsection (c) of section 3 of this Act.”

SEPARABILITY

Section 512 of act June 30, 1948, ch. 758, title V, as added Oct. 18, 1972, Pub. L. 92-500, §2, 86 Stat. 894, provided that: “If any provision of this Act [this chapter], or the application of any provision of this Act [this chapter] to any person or circumstance, is held invalid, the application of such provision to other persons or circumstances, and the remainder of this Act [this chapter], shall not be affected thereby.”

NATIONAL SHELLFISH INDICATOR PROGRAM

Pub. L. 102-567, title III, §308, Oct. 29, 1992, 106 Stat. 4286; as amended by Pub. L. 105-362, title II, §201(b), Nov. 10, 1998, 112 Stat. 3282, provided that:

“(a) ESTABLISHMENT OF A RESEARCH PROGRAM.—The Secretary of Commerce, in cooperation with the Secretary of Health and Human Services and the Administrator of the Environmental Protection Agency, shall establish and administer a 5-year national shellfish research program (hereafter in this section referred to as the ‘Program’) for the purpose of improving existing classification systems for shellfish growing waters using the latest technological advancements in microbiology and epidemiological methods. Within 12 months after the date of enactment of this Act [Oct. 29, 1992], the Secretary of Commerce, in cooperation with the advisory committee established under subsection (b) and the Consortium, shall develop a comprehensive 5-year plan for the Program which shall at a minimum provide for—

“(1) an environmental assessment of commercial shellfish growing areas in the United States, including an evaluation of the relationships between indicators of fecal contamination and human enteric pathogens;

“(2) the evaluation of such relationships with respect to potential health hazards associated with human consumption of shellfish;

“(3) a comparison of the current microbiological methods used for evaluating indicator bacteria and human enteric pathogens in shellfish and shellfish growing waters with new technological methods designed for this purpose;

“(4) the evaluation of current and projected systems for human sewage treatment in eliminating viruses and other human enteric pathogens which accumulate in shellfish;

“(5) the design of epidemiological studies to relate microbiological data, sanitary survey data, and human shellfish consumption data to actual hazards to health associated with such consumption; and

“(6) recommendations for revising Federal shellfish standards and improving the capabilities of Federal and State agencies to effectively manage shellfish and ensure the safety of shellfish intended for human consumption.

“(b) ADVISORY COMMITTEE.—(1) For the purpose of providing oversight of the Program on a continuing basis, an advisory committee (hereafter in this section referred to as the ‘Committee’) shall be established under a memorandum of understanding between the Interstate Shellfish Sanitation Conference and the National Marine Fisheries Service.

“(2) The Committee shall—

“(A) identify priorities for achieving the purpose of the Program;

“(B) review and recommend approval or disapproval of Program work plans and plans of operation;

“(C) review and comment on all subcontracts and grants to be awarded under the Program;

“(D) receive and review progress reports from the Consortium and program subcontractors and grantees; and

“(E) provide such other advice on the Program as is appropriate.

“(3) The Committee shall consist of at least ten members and shall include—

“(A) three members representing agencies having authority under State law to regulate the shellfish industry, of whom one shall represent each of the Atlantic, Pacific, and Gulf of Mexico shellfish growing regions;

“(B) three members representing persons engaged in the shellfish industry in the Atlantic, Pacific, and Gulf of Mexico shellfish growing regions (who shall be appointed from among at least six recommendations by the industry members of the Interstate Shellfish Sanitation Conference Executive Board), of whom one shall represent the shellfish industry in each region;

“(C) three members, of whom one shall represent each of the following Federal agencies: the National Oceanic and Atmospheric Administration, the Environmental Protection Agency, and the Food and Drug Administration; and

“(D) one member representing the Shellfish Institute of North America.

“(4) The Chairman of the Committee shall be selected from among the Committee members described in paragraph (3)(A).

“(5) The Committee shall establish and maintain a subcommittee of scientific experts to provide advice, assistance, and information relevant to research funded under the Program, except that no individual who is awarded, or whose application is being considered for, a grant or subcontract under the Program may serve on such subcommittee. The membership of the subcommittee shall, to the extent practicable, be regionally balanced with experts who have scientific knowledge concerning each of the Atlantic, Pacific, and Gulf of Mexico shellfish growing regions. Scientists from the National Academy of Sciences and appropriate Federal agencies (including the National Oceanic and Atmospheric Administration, Food and Drug Administration, Centers for Disease Control, National Institutes of Health, Environmental Protection Agency, and National Science Foundation) shall be considered for membership on the subcommittee.

“(6) Members of the Committee and its scientific subcommittee established under this subsection shall not be paid for serving on the Committee or subcommittee, but shall receive travel expenses as authorized by section 5703 of title 5, United States Code.

“(c) CONTRACT WITH CONSORTIUM.—Within 30 days after the date of enactment of this Act [Oct. 29, 1992], the Secretary of Commerce shall seek to enter into a cooperative agreement or contract with the Consortium under which the Consortium will—

“(1) be the academic administrative organization and fiscal agent for the Program;

“(2) award and administer such grants and subcontracts as are approved by the Committee under subsection (b);

“(3) develop and implement a scientific peer review process for evaluating grant and subcontractor applications prior to review by the Committee;

“(4) in cooperation with the Secretary of Commerce and the Committee, procure the services of a scientific project director;

“(5) develop and submit budgets, progress reports, work plans, and plans of operation for the Program to the Secretary of Commerce and the Committee; and

“(6) make available to the Committee such staff, information, and assistance as the Committee may reasonably require to carry out its activities.

“(d) AUTHORIZATION OF APPROPRIATIONS.—(1) Of the sums authorized under section 4(a) of the National Oceanic and Atmospheric Administration Marine Fisheries Program Authorization Act (Public Law 98-210; 97 Stat. 1409), there are authorized to be appropriated to the Secretary of Commerce \$5,200,000 for each of the fiscal years 1993 through 1997 for carrying out the Program. Of the amounts appropriated pursuant to this authorization, not more than 5 percent of such appropriation may be used for administrative purposes by the National Oceanic and Atmospheric Administration. The remaining 95 percent of such appropriation shall be used to meet the administrative and scientific objectives of the Program.

“(2) The Interstate Shellfish Sanitation Conference shall not administer appropriations authorized under this section, but may be reimbursed from such appropriations for its expenses in arranging for travel, meetings, workshops, or conferences necessary to carry out the Program.

“(e) DEFINITIONS.—As used in this section, the term—

“(1) ‘Consortium’ means the Louisiana Universities Marine Consortium; and

“(2) ‘shellfish’ means any species of oyster, clam, or mussel that is harvested for human consumption.”

LIMITATION ON PAYMENTS

Section 2 of Pub. L. 100-4 provided that: “No payments may be made under this Act [see Short Title of 1987 Amendment note above] except to the extent provided in advance in appropriation Acts.”

SEAFOOD PROCESSING STUDY; SUBMITTAL OF RESULTS TO CONGRESS NOT LATER THAN JANUARY 1, 1979

Pub. L. 95-217, § 74, Dec. 27, 1977, 91 Stat. 1609, provided that the Administrator of the Environmental Protection Agency conduct a study to examine the geographical, hydrological, and biological characteristics of marine waters to determine the effects of seafood processes which dispose of untreated natural wastes into such waters and to include in this study an examination of technologies which may be used in such processes to facilitate the use of the nutrients in these wastes or to reduce the discharge of such wastes into the marine environment and to submit the result of this study to Congress not later than Jan. 1, 1979.

STANDARDS

For provisions relating to the responsibility of the head of each Executive agency for compliance with applicable pollution control standards, see Ex. Ord. No. 12088, Oct. 13, 1978, 43 F.R. 47707, set out as a note under section 4321 of Title 42, The Public Health and Welfare.

OVERSIGHT STUDY

Section 5 of Pub. L. 92-500 authorized the Comptroller General of the United States to conduct a study and re-

view of the research, pilot, and demonstration programs related to prevention and control of water pollution conducted, supported, or assisted by any Federal agency pursuant to any Federal law or regulation and assess conflicts between these programs and their coordination and efficacy, and to report to Congress thereon by Oct. 1, 1973.

INTERNATIONAL TRADE STUDY

Section 6 of Pub. L. 92-500 provided that:

“(a) The Secretary of Commerce, in cooperation with other interested Federal agencies and with representatives of industry and the public, shall undertake immediately an investigation and study to determine—

“(1) the extent to which pollution abatement and control programs will be imposed on, or voluntarily undertaken by, United States manufacturers in the near future and the probable short- and long-range effects of the costs of such programs (computed to the greatest extent practicable on an industry-by-industry basis) on (A) the production costs of such domestic manufacturers, and (B) the market prices of the goods produced by them;

“(2) the probable extent to which pollution abatement and control programs will be implemented in foreign industrial nations in the near future and the extent to which the production costs (computed to the greatest extent practicable on an industry-by-industry basis) of foreign manufacturers will be affected by the costs of such programs;

“(3) the probable competitive advantage which any article manufactured in a foreign nation will likely have in relation to a comparable article made in the United States if that foreign nation—

“(A) does not require its manufacturers to implement pollution abatement and control programs.

“(B) requires a lesser degree of pollution abatement and control in its programs, or

“(C) in any way reimburses or otherwise subsidizes its manufacturers for the costs of such program;

“(4) alternative means by which any competitive advantage accruing to the products of any foreign nation as a result of any factor described in paragraph (3) may be (A) accurately and quickly determined, and (B) equalized, for example, by the imposition of a surcharge or duty, on a foreign product in an amount necessary to compensate for such advantage; and

“(5) the impact, if any, which the imposition of a compensating tariff of other equalizing measure may have in encouraging foreign nations to implement pollution and abatement control programs.

“(b) The Secretary shall make an initial report to the President and Congress within six months after the date of enactment of this section [Oct. 18, 1972] of the results of the study and investigation carried out pursuant to this section and shall make additional reports thereafter at such times as he deems appropriate taking into account the development of relevant data, but not less than once every twelve months.”

INTERNATIONAL AGREEMENTS

Section 7 of Pub. L. 92-500 provided that: “The President shall undertake to enter into international agreement to apply uniform standards of performance for the control of the discharge and emission of pollutants from new sources, uniform controls over the discharge and emission of toxic pollutants, and uniform controls over the discharge of pollutants into the ocean. For this purpose the President shall negotiate multilateral treaties, conventions, resolutions, or other agreements, and formulate, present, or support proposals at the United Nations and other appropriate international forums.”

NATIONAL POLICIES AND GOAL STUDY

Section 10 of Pub. L. 92-500 directed President to make a full and complete investigation and study of all

national policies and goals established by law to determine what the relationship should be between these policies and goals, taking into account the resources of the Nation, and to report results of his investigation and study together with his recommendations to Congress not later than two years after Oct. 18, 1972.

EFFICIENCY STUDY

Section 11 of Pub. L. 92-500 directed President, by utilization of the General Accounting Office, to conduct a full and complete investigation and study of ways and means of most effectively using all of the various resources, facilities, and personnel of the Federal Government in order to most efficiently carry out the provisions of this chapter and to report results of his investigation and study together with his recommendations to Congress not later than two hundred and seventy days after Oct. 18, 1972.

SEX DISCRIMINATION

Section 13 of Pub. L. 92-500 provided that: "No person in the United States shall on the ground of sex be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal assistance under this Act [see Short Title note above] the Federal Water Pollution Control Act [this chapter], or the Environmental Financing Act [set out as a note under section 1281 of this title]. This section shall be enforced through agency provisions and rules similar to those already established, with respect to racial and other discrimination, under title VI of the Civil Rights Act of 1964 [section 2000d et seq. of Title 42, The Public Health and Welfare]. However, this remedy is not exclusive and will not prejudice or cut off any other legal remedies available to a discriminatee."

CONTIGUOUS ZONE OF UNITED STATES

For extension of contiguous zone of United States, see Proc. No. 7219, set out as a note under section 1331 of Title 43, Public Lands.

PREVENTION, CONTROL, AND ABATEMENT OF ENVIRONMENTAL POLLUTION AT FEDERAL FACILITIES

Ex. Ord. No. 12088, Oct. 13, 1978, 43 F.R. 47707, set out as a note under section 4321 of Title 42, The Public Health and Welfare, provides for the prevention, control, and abatement of environmental pollution at federal facilities.

EXECUTIVE ORDER NO. 11548

Ex. Ord. No. 11548, July 20, 1970, 35 F.R. 11677, which related to the delegation of Presidential functions, was superseded by Ex. Ord. No. 11735, Aug. 3, 1973, 38 F.R. 21243, formerly set out as a note under section 1321 of this title.

EX. ORD. NO. 11742. DELEGATION OF FUNCTIONS TO SECRETARY OF STATE RESPECTING THE NEGOTIATION OF INTERNATIONAL AGREEMENTS RELATING TO THE ENHANCEMENT OF THE ENVIRONMENT

Ex. Ord. No. 11742, Oct. 23, 1973, 38 F.R. 29457, provided:

Under and by virtue of the authority vested in me by section 301 of title 3 of the United States Code and as President of the United States, I hereby authorize and empower the Secretary of State, in coordination with the Council on Environmental Quality, the Environmental Protection Agency, and other appropriate Federal agencies, to perform, without the approval, ratification, or other action of the President, the functions vested in the President by Section 7 of the Federal Water Pollution Control Act Amendments of 1972 (Public Law 92-500; 86 Stat. 898) with respect to international agreements relating to the enhancement of the environment.

RICHARD NIXON.

DEFINITION OF "ADMINISTRATOR"

Section 1(d) of Pub. L. 100-4 provided that: "For purposes of this Act [see Short Title of 1987 Amendment

note above], the term 'Administrator' means the Administrator of the Environmental Protection Agency."

§ 1252. Comprehensive programs for water pollution control

(a) Preparation and development

The Administrator shall, after careful investigation, and in cooperation with other Federal agencies, State water pollution control agencies, interstate agencies, and the municipalities and industries involved, prepare or develop comprehensive programs for preventing, reducing, or eliminating the pollution of the navigable waters and ground waters and improving the sanitary condition of surface and underground waters. In the development of such comprehensive programs due regard shall be given to the improvements which are necessary to conserve such waters for the protection and propagation of fish and aquatic life and wildlife, recreational purposes, and the withdrawal of such waters for public water supply, agricultural, industrial, and other purposes. For the purpose of this section, the Administrator is authorized to make joint investigations with any such agencies of the condition of any waters in any State or States, and of the discharges of any sewage, industrial wastes, or substance which may adversely affect such waters.

(b) Planning for reservoirs; storage for regulation of streamflow

(1) In the survey or planning of any reservoir by the Corps of Engineers, Bureau of Reclamation, or other Federal agency, consideration shall be given to inclusion of storage for regulation of streamflow, except that any such storage and water releases shall not be provided as a substitute for adequate treatment or other methods of controlling waste at the source.

(2) The need for and the value of storage for regulation of streamflow (other than for water quality) including but not limited to navigation, salt water intrusion, recreation, esthetics, and fish and wildlife, shall be determined by the Corps of Engineers, Bureau of Reclamation, or other Federal agencies.

(3) The need for, the value of, and the impact of, storage for water quality control shall be determined by the Administrator, and his views on these matters shall be set forth in any report or presentation to Congress proposing authorization or construction of any reservoir including such storage.

(4) The value of such storage shall be taken into account in determining the economic value of the entire project of which it is a part, and costs shall be allocated to the purpose of regulation of streamflow in a manner which will insure that all project purposes, share equitably in the benefit of multiple-purpose construction.

(5) Costs of regulation of streamflow features incorporated in any Federal reservoir or other impoundment under the provisions of this chapter shall be determined and the beneficiaries identified and if the benefits are widespread or national in scope, the costs of such features shall be nonreimbursable.

(6) No license granted by the Federal Energy Regulatory Commission for a hydroelectric power project shall include storage for regula-

tion of streamflow for the purpose of water quality control unless the Administrator shall recommend its inclusion and such reservoir storage capacity shall not exceed such proportion of the total storage required for the water quality control plan as the drainage area of such reservoir bears to the drainage area of the river basin or basins involved in such water quality control plan.

(c) Basins; grants to State agencies

(1) The Administrator shall, at the request of the Governor of a State, or a majority of the Governors when more than one State is involved, make a grant to pay not to exceed 50 per centum of the administrative expenses of a planning agency for a period not to exceed three years, which period shall begin after October 18, 1972, if such agency provides for adequate representation of appropriate State, interstate, local, or (when appropriate) international interests in the basin or portion thereof involved and is capable of developing an effective, comprehensive water quality control plan for a basin or portion thereof.

(2) Each planning agency receiving a grant under this subsection shall develop a comprehensive pollution control plan for the basin or portion thereof which—

(A) is consistent with any applicable water quality standards effluent and other limitations, and thermal discharge regulations established pursuant to current law within the basin;

(B) recommends such treatment works as will provide the most effective and economical means of collection, storage, treatment, and elimination of pollutants and recommends means to encourage both municipal and industrial use of such works;

(C) recommends maintenance and improvement of water quality within the basin or portion thereof and recommends methods of adequately financing those facilities as may be necessary to implement the plan; and

(D) as appropriate, is developed in cooperation with, and is consistent with any comprehensive plan prepared by the Water Resources Council, any areawide waste management plans developed pursuant to section 1288 of this title, and any State plan developed pursuant to section 1313(e) of this title.

(3) For the purposes of this subsection the term "basin" includes, but is not limited to, rivers and their tributaries, streams, coastal waters, sounds, estuaries, bays, lakes, and portions thereof as well as the lands drained thereby.

(June 30, 1948, ch. 758, title I, § 102, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 817; amended Pub. L. 95-91, title IV, § 402(a)(1)(A), Aug. 4, 1977, 91 Stat. 583; Pub. L. 95-217, § 5(b), Dec. 27, 1977, 91 Stat. 1567; Pub. L. 104-66, title II, § 2021(a), Dec. 21, 1995, 109 Stat. 726.)

AMENDMENTS

1995—Subsec. (d). Pub. L. 104-66 struck out subsec. (d) which read as follows: "The Administrator, after consultation with the States, and River Basin Commissions established under the Water Resources Planning Act, shall submit a report to Congress on or before July 1, 1978, which analyzes the relationship between pro-

grams under this chapter, and the programs by which State and Federal agencies allocate quantities of water. Such report shall include recommendations concerning the policy in section 1251(g) of this title to improve coordination of efforts to reduce and eliminate pollution in concert with programs for managing water resources."

1977—Subsec. (d). Pub. L. 95-217 added subsec. (d).

TRANSFER OF FUNCTIONS

"Federal Energy Regulatory Commission" substituted for "Federal Power Commission" in subsec. (b)(6) on authority of Pub. L. 95-91, title IV, § 402(a)(1)(A), Aug. 4, 1977, 91 Stat. 583, which is classified to section 7172(a)(1)(A) of Title 42, The Public Health and Welfare.

EXECUTIVE ORDER NO. 10014

Ex. Ord. No. 10014, Nov. 3, 1948, 13 F.R. 6601, which related to the cooperation of Federal and State agencies to prevent pollution of surface and underground waters, was superseded by Ex. Ord. No. 11258, Nov. 17, 1965, 30 F.R. 14483.

§ 1252a. Reservoir projects, water storage; modification; storage for other than for water quality, opinion of Federal agency, committee resolutions of approval; provisions inapplicable to projects with certain prescribed water quality benefits in relation to total project benefits

In the case of any reservoir project authorized for construction by the Corps of Engineers, Bureau of Reclamation, or other Federal agency when the Administrator of the Environmental Protection Agency determines pursuant to section 1252(b) of this title that any storage in such project for regulation of streamflow for water quality is not needed, or is needed in a different amount, such project may be modified accordingly by the head of the appropriate agency, and any storage no longer required for water quality may be utilized for other authorized purposes of the project when, in the opinion of the head of such agency, such use is justified. Any such modification of a project where the benefits attributable to water quality are 15 per centum or more but not greater than 25 per centum of the total project benefits shall take effect only upon the adoption of resolutions approving such modification by the appropriate committees of the Senate and House of Representatives. The provisions of the section shall not apply to any project where the benefits attributable to water quality exceed 25 per centum of the total project benefits.

(Pub. L. 93-251, title I, § 65, Mar. 7, 1974, 88 Stat. 30.)

CODIFICATION

Section was not enacted as part of the Federal Water Pollution Control Act which comprises this chapter.

§ 1253. Interstate cooperation and uniform laws

(a) The Administrator shall encourage cooperative activities by the States for the prevention, reduction, and elimination of pollution, encourage the enactment of improved and, so far as practicable, uniform State laws relating to the prevention, reduction, and elimination of pollution; and encourage compacts between States for the prevention and control of pollution.

(b) The consent of the Congress is hereby given to two or more States to negotiate and enter into agreements or compacts, not in conflict with any law or treaty of the United States, for (1) cooperative effort and mutual assistance for the prevention and control of pollution and the enforcement of their respective laws relating thereto, and (2) the establishment of such agencies, joint or otherwise, as they may deem desirable for making effective such agreements and compacts. No such agreement or compact shall be binding or obligatory upon any State a party thereto unless and until it has been approved by the Congress.

(June 30, 1948, ch. 758, title I, § 103, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 818.)

§ 1254. Research, investigations, training, and information

(a) Establishment of national programs; cooperation; investigations; water quality surveillance system; reports

The Administrator shall establish national programs for the prevention, reduction, and elimination of pollution and as part of such programs shall—

(1) in cooperation with other Federal, State, and local agencies, conduct and promote the coordination and acceleration of, research, investigations, experiments, training, demonstrations, surveys, and studies relating to the causes, effects, extent, prevention, reduction, and elimination of pollution;

(2) encourage, cooperate with, and render technical services to pollution control agencies and other appropriate public or private agencies, institutions, and organizations, and individuals, including the general public, in the conduct of activities referred to in paragraph (1) of this subsection;

(3) conduct, in cooperation with State water pollution control agencies and other interested agencies, organizations and persons, public investigations concerning the pollution of any navigable waters, and report on the results of such investigations;

(4) establish advisory committees composed of recognized experts in various aspects of pollution and representatives of the public to assist in the examination and evaluation of research progress and proposals and to avoid duplication of research;

(5) in cooperation with the States, and their political subdivisions, and other Federal agencies establish, equip, and maintain a water quality surveillance system for the purpose of monitoring the quality of the navigable waters and ground waters and the contiguous zone and the oceans and the Administrator shall, to the extent practicable, conduct such surveillance by utilizing the resources of the National Aeronautics and Space Administration, the National Oceanic and Atmospheric Administration, the United States Geological Survey, and the Coast Guard, and shall report on such quality in the report required under subsection (a) of section 1375 of this title; and

(6) initiate and promote the coordination and acceleration of research designed to develop the most effective practicable tools and

techniques for measuring the social and economic costs and benefits of activities which are subject to regulation under this chapter; and shall transmit a report on the results of such research to the Congress not later than January 1, 1974.

(b) Authorized activities of Administrator

In carrying out the provisions of subsection (a) of this section the Administrator is authorized to—

(1) collect and make available, through publications and other appropriate means, the results of and other information, including appropriate recommendations by him in connection therewith, pertaining to such research and other activities referred to in paragraph (1) of subsection (a) of this section;

(2) cooperate with other Federal departments and agencies, State water pollution control agencies, interstate agencies, other public and private agencies, institutions, organizations, industries involved, and individuals, in the preparation and conduct of such research and other activities referred to in paragraph (1) of subsection (a) of this section;

(3) make grants to State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals, for purposes stated in paragraph (1) of subsection (a) of this section;

(4) contract with public or private agencies, institutions, organizations, and individuals, without regard to section 3324(a) and (b) of title 31 and section 6101 of title 41, referred to in paragraph (1) of subsection (a) of this section;

(5) establish and maintain research fellowships at public or nonprofit private educational institutions or research organizations;

(6) collect and disseminate, in cooperation with other Federal departments and agencies, and with other public or private agencies, institutions, and organizations having related responsibilities, basic data on chemical, physical, and biological effects of varying water quality and other information pertaining to pollution and the prevention, reduction, and elimination thereof; and

(7) develop effective and practical processes, methods, and prototype devices for the prevention, reduction, and elimination of pollution.

(c) Research and studies on harmful effects of pollutants; cooperation with Secretary of Health and Human Services

In carrying out the provisions of subsection (a) of this section the Administrator shall conduct research on, and survey the results of other scientific studies on, the harmful effects on the health or welfare of persons caused by pollutants. In order to avoid duplication of effort, the Administrator shall, to the extent practicable, conduct such research in cooperation with and through the facilities of the Secretary of Health and Human Services.

(d) Sewage treatment; identification and measurement of effects of pollutants; augmented streamflow

In carrying out the provisions of this section the Administrator shall develop and dem-

onstrate under varied conditions (including conducting such basic and applied research, studies, and experiments as may be necessary):

(1) Practicable means of treating municipal sewage, and other waterborne wastes to implement the requirements of section 1281 of this title;

(2) Improved methods and procedures to identify and measure the effects of pollutants, including those pollutants created by new technological developments; and

(3) Methods and procedures for evaluating the effects on water quality of augmented streamflows to control pollution not susceptible to other means of prevention, reduction, or elimination.

(e) Field laboratory and research facilities

The Administrator shall establish, equip, and maintain field laboratory and research facilities, including, but not limited to, one to be located in the northeastern area of the United States, one in the Middle Atlantic area, one in the southeastern area, one in the midwestern area, one in the southwestern area, one in the Pacific Northwest, and one in the State of Alaska, for the conduct of research, investigations, experiments, field demonstrations and studies, and training relating to the prevention, reduction and elimination of pollution. Insofar as practicable, each such facility shall be located near institutions of higher learning in which graduate training in such research might be carried out. In conjunction with the development of criteria under section 1343 of this title, the Administrator shall construct the facilities authorized for the National Marine Water Quality Laboratory established under this subsection.

(f) Great Lakes water quality research

The Administrator shall conduct research and technical development work, and make studies, with respect to the quality of the waters of the Great Lakes, including an analysis of the present and projected future water quality of the Great Lakes under varying conditions of waste treatment and disposal, an evaluation of the water quality needs of those to be served by such waters, an evaluation of municipal, industrial, and vessel waste treatment and disposal practices with respect to such waters, and a study of alternate means of solving pollution problems (including additional waste treatment measures) with respect to such waters.

(g) Treatment works pilot training programs; employment needs forecasting; training projects and grants; research fellowships; technical training; report to the President and transmittal to Congress

(1) For the purpose of providing an adequate supply of trained personnel to operate and maintain existing and future treatment works and related activities, and for the purpose of enhancing substantially the proficiency of those engaged in such activities, the Administrator shall finance pilot programs, in cooperation with State and interstate agencies, municipalities, educational institutions, and other organizations and individuals, of manpower development and training and retraining of persons in, on entering into, the field of operation and maintenance

of treatment works and related activities. Such program and any funds expended for such a program shall supplement, not supplant, other manpower and training programs and funds available for the purposes of this paragraph. The Administrator is authorized, under such terms and conditions as he deems appropriate, to enter into agreements with one or more States, acting jointly or severally, or with other public or private agencies or institutions for the development and implementation of such a program.

(2) The Administrator is authorized to enter into agreements with public and private agencies and institutions, and individuals to develop and maintain an effective system for forecasting the supply of, and demand for, various professional and other occupational categories needed for the prevention, reduction, and elimination of pollution in each region, State, or area of the United States and, from time to time, to publish the results of such forecasts.

(3) In furtherance of the purposes of this chapter, the Administrator is authorized to—

(A) make grants to public or private agencies and institutions and to individuals for training projects, and provide for the conduct of training by contract with public or private agencies and institutions and with individuals without regard to section 3324(a) and (b) of title 31 and section 6101 of title 41;

(B) establish and maintain research fellowships in the Environmental Protection Agency with such stipends and allowances, including traveling and subsistence expenses, as he may deem necessary to procure the assistance of the most promising research fellows; and

(C) provide, in addition to the program established under paragraph (1) of this subsection, training in technical matters relating to the causes, prevention, reduction, and elimination of pollution for personnel of public agencies and other persons with suitable qualifications.

(4) The Administrator shall submit, through the President, a report to the Congress not later than December 31, 1973, summarizing the actions taken under this subsection and the effectiveness of such actions, and setting forth the number of persons trained, the occupational categories for which training was provided, the effectiveness of other Federal, State, and local training programs in this field, together with estimates of future needs, recommendations on improving training programs, and such other information and recommendations, including legislative recommendations, as he deems appropriate.

(h) Lake pollution

The Administrator is authorized to enter into contracts with, or make grants to, public or private agencies and organizations and individuals for (A) the purpose of developing and demonstrating new or improved methods for the prevention, removal, reduction, and elimination of pollution in lakes, including the undesirable effects of nutrients and vegetation, and (B) the construction of publicly owned research facilities for such purpose.

(i) Oil pollution control studies

The Administrator, in cooperation with the Secretary of the Department in which the Coast Guard is operating, shall—

(1) engage in such research, studies, experiments, and demonstrations as he deems appropriate, relative to the removal of oil from any waters and to the prevention, control, and elimination of oil and hazardous substances pollution;

(2) publish from time to time the results of such activities; and

(3) from time to time, develop and publish in the Federal Register specifications and other technical information on the various chemical compounds used in the control of oil and hazardous substances spills.

In carrying out this subsection, the Administrator may enter into contracts with, or make grants to, public or private agencies and organizations and individuals.

(j) Solid waste disposal equipment for vessels

The Secretary of the department in which the Coast Guard is operating shall engage in such research, studies, experiments, and demonstrations as he deems appropriate relative to equipment which is to be installed on board a vessel and is designed to receive, retain, treat, or discharge human body wastes and the wastes from toilets and other receptacles intended to receive or retain body wastes with particular emphasis on equipment to be installed on small recreational vessels. The Secretary of the department in which the Coast Guard is operating shall report to Congress the results of such research, studies, experiments, and demonstrations prior to the effective date of any regulations established under section 1322 of this title. In carrying out this subsection the Secretary of the department in which the Coast Guard is operating may enter into contracts with, or make grants to, public or private organizations and individuals.

(k) Land acquisition

In carrying out the provisions of this section relating to the conduct by the Administrator of demonstration projects and the development of field laboratories and research facilities, the Administrator may acquire land and interests therein by purchase, with appropriated or donated funds, by donation, or by exchange for acquired or public lands under his jurisdiction which he classifies as suitable for disposition. The values of the properties so exchanged either shall be approximately equal, or if they are not approximately equal, the values shall be equalized by the payment of cash to the grantor or to the Administrator as the circumstances require.

(l) Collection and dissemination of scientific knowledge on effects and control of pesticides in water

(1) The Administrator shall, after consultation with appropriate local, State, and Federal agencies, public and private organizations, and interested individuals, as soon as practicable but not later than January 1, 1973, develop and issue to the States for the purpose of carrying out this chapter the latest scientific knowledge available

in indicating the kind and extent of effects on health and welfare which may be expected from the presence of pesticides in the water in varying quantities. He shall revise and add to such information whenever necessary to reflect developing scientific knowledge.

(2) The President shall, in consultation with appropriate local, State, and Federal agencies, public and private organizations, and interested individuals, conduct studies and investigations of methods to control the release of pesticides into the environment which study shall include examination of the persistency of pesticides in the water environment and alternatives thereto. The President shall submit reports, from time to time, on such investigations to Congress together with his recommendations for any necessary legislation.

(m) Waste oil disposal study

(1) The Administrator shall, in an effort to prevent degradation of the environment from the disposal of waste oil, conduct a study of (A) the generation of used engine, machine, cooling, and similar waste oil, including quantities generated, the nature and quality of such oil, present collecting methods and disposal practices, and alternate uses of such oil; (B) the long-term, chronic biological effects of the disposal of such waste oil; and (C) the potential market for such oils, including the economic and legal factors relating to the sale of products made from such oils, the level of subsidy, if any, needed to encourage the purchase by public and private nonprofit agencies of products from such oil, and the practicability of Federal procurement, on a priority basis, of products made from such oil. In conducting such study, the Administrator shall consult with affected industries and other persons.

(2) The Administrator shall report the preliminary results of such study to Congress within six months after October 18, 1972, and shall submit a final report to Congress within 18 months after such date.

(n) Comprehensive studies of effects of pollution on estuaries and estuarine zones

(1) The Administrator shall, in cooperation with the Secretary of the Army, the Secretary of Agriculture, the Water Resources Council, and with other appropriate Federal, State, interstate, or local public bodies and private organizations, institutions, and individuals, conduct and promote, and encourage contributions to, continuing comprehensive studies of the effects of pollution, including sedimentation, in the estuaries and estuarine zones of the United States on fish and wildlife, on sport and commercial fishing, on recreation, on water supply and water power, and on other beneficial purposes. Such studies shall also consider the effect of demographic trends, the exploitation of mineral resources and fossil fuels, land and industrial development, navigation, flood and erosion control, and other uses of estuaries and estuarine zones upon the pollution of the waters therein.

(2) In conducting such studies, the Administrator shall assemble, coordinate, and organize all existing pertinent information on the Nation's estuaries and estuarine zones; carry out a

program of investigations and surveys to supplement existing information in representative estuaries and estuarine zones; and identify the problems and areas where further research and study are required.

(3) The Administrator shall submit to Congress, from time to time, reports of the studies authorized by this subsection but at least one such report during any six-year period. Copies of each such report shall be made available to all interested parties, public and private.

(4) For the purpose of this subsection, the term "estuarine zones" means an environmental system consisting of an estuary and those transitional areas which are consistently influenced or affected by water from an estuary such as, but not limited to, salt marshes, coastal and intertidal areas, bays, harbors, lagoons, inshore waters, and channels, and the term "estuary" means all or part of the mouth of a river or stream or other body of water having unimpaired natural connection with open sea and within which the sea water is measurably diluted with fresh water derived from land drainage.

(o) Methods of reducing total flow of sewage and unnecessary water consumption; reports

(1) The Administrator shall conduct research and investigations on devices, systems, incentives, pricing policy, and other methods of reducing the total flow of sewage, including, but not limited to, unnecessary water consumption in order to reduce the requirements for, and the costs of, sewage and waste treatment services. Such research and investigations shall be directed to develop devices, systems, policies, and methods capable of achieving the maximum reduction of unnecessary water consumption.

(2) The Administrator shall report the preliminary results of such studies and investigations to the Congress within one year after October 18, 1972, and annually thereafter in the report required under subsection (a) of section 1375 of this title. Such report shall include recommendations for any legislation that may be required to provide for the adoption and use of devices, systems, policies, or other methods of reducing water consumption and reducing the total flow of sewage. Such report shall include an estimate of the benefits to be derived from adoption and use of such devices, systems, policies, or other methods and also shall reflect estimates of any increase in private, public, or other cost that would be occasioned thereby.

(p) Agricultural pollution

In carrying out the provisions of subsection (a) of this section the Administrator shall, in cooperation with the Secretary of Agriculture, other Federal agencies, and the States, carry out a comprehensive study and research program to determine new and improved methods and the better application of existing methods of preventing, reducing, and eliminating pollution from agriculture, including the legal, economic, and other implications of the use of such methods.

(q) Sewage in rural areas; national clearinghouse for alternative treatment information; clearinghouse on small flows

(1) The Administrator shall conduct a comprehensive program of research and investigation and pilot project implementation into new and improved methods of preventing, reducing, storing, collecting, treating, or otherwise eliminating pollution from sewage in rural and other areas where collection of sewage in conventional, communitywide sewage collection systems is impractical, uneconomical, or otherwise infeasible, or where soil conditions or other factors preclude the use of septic tank and drainage field systems.

(2) The Administrator shall conduct a comprehensive program of research and investigation and pilot project implementation into new and improved methods for the collection and treatment of sewage and other liquid wastes combined with the treatment and disposal of solid wastes.

(3) The Administrator shall establish, either within the Environmental Protection Agency, or through contract with an appropriate public or private non-profit organization, a national clearinghouse which shall (A) receive reports and information resulting from research, demonstrations, and other projects funded under this chapter related to paragraph (1) of this subsection and to subsection (e)(2) of section 1255 of this title; (B) coordinate and disseminate such reports and information for use by Federal and State agencies, municipalities, institutions, and persons in developing new and improved methods pursuant to this subsection; and (C) provide for the collection and dissemination of reports and information relevant to this subsection from other Federal and State agencies, institutions, universities, and persons.

(4) **SMALL FLOWS CLEARINGHOUSE.**—Notwithstanding section 1285(d) of this title, from amounts that are set aside for a fiscal year under section 1285(i) of this title and are not obligated by the end of the 24-month period of availability for such amounts under section 1285(d) of this title, the Administrator shall make available \$1,000,000 or such unobligated amount, whichever is less, to support a national clearinghouse within the Environmental Protection Agency to collect and disseminate information on small flows of sewage and innovative or alternative wastewater treatment processes and techniques, consistent with paragraph (3). This paragraph shall apply with respect to amounts set aside under section 1285(i) of this title for which the 24-month period of availability referred to in the preceding sentence ends on or after September 30, 1986.

(r) Research grants to colleges and universities

The Administrator is authorized to make grants to colleges and universities to conduct basic research into the structure and function of freshwater aquatic ecosystems, and to improve understanding of the ecological characteristics necessary to the maintenance of the chemical, physical, and biological integrity of freshwater aquatic ecosystems.

(s) River Study Centers

The Administrator is authorized to make grants to one or more institutions of higher edu-

cation (regionally located and to be designated as "River Study Centers") for the purpose of conducting and reporting on interdisciplinary studies on the nature of river systems, including hydrology, biology, ecology, economics, the relationship between river uses and land uses, and the effects of development within river basins on river systems and on the value of water resources and water related activities. No such grant in any fiscal year shall exceed \$1,000,000.

(t) Thermal discharges

The Administrator shall, in cooperation with State and Federal agencies and public and private organizations, conduct continuing comprehensive studies of the effects and methods of control of thermal discharges. In evaluating alternative methods of control the studies shall consider (1) such data as are available on the latest available technology, economic feasibility including cost-effectiveness analysis, and (2) the total impact on the environment, considering not only water quality but also air quality, land use, and effective utilization and conservation of freshwater and other natural resources. Such studies shall consider methods of minimizing adverse effects and maximizing beneficial effects of thermal discharges. The results of these studies shall be reported by the Administrator as soon as practicable, but not later than 270 days after October 18, 1972, and shall be made available to the public and the States, and considered as they become available by the Administrator in carrying out section 1326 of this title and by the States in proposing thermal water quality standards.

(u) Authorization of appropriations

There is authorized to be appropriated (1) not to exceed \$100,000,000 per fiscal year for the fiscal year ending June 30, 1973, the fiscal year ending June 30, 1974, and the fiscal year ending June 30, 1975, not to exceed \$14,039,000 for the fiscal year ending September 30, 1980, not to exceed \$20,697,000 for the fiscal year ending September 30, 1981, not to exceed \$22,770,000 for the fiscal year ending September 30, 1982, such sums as may be necessary for fiscal years 1983 through 1985, and not to exceed \$22,770,000 per fiscal year for each of the fiscal years 1986 through 1990, for carrying out the provisions of this section, other than subsections (g)(1) and (2), (p), (r), and (t) of this section, except that such authorizations are not for any research, development, or demonstration activity pursuant to such provisions; (2) not to exceed \$7,500,000 for fiscal years 1973, 1974, and 1975, \$2,000,000 for fiscal year 1977, \$3,000,000 for fiscal year 1978, \$3,000,000 for fiscal year 1979, \$3,000,000 for fiscal year 1980, \$3,000,000 for fiscal year 1981, \$3,000,000 for fiscal year 1982, such sums as may be necessary for fiscal years 1983 through 1985, and \$3,000,000 per fiscal year for each of the fiscal years 1986 through 1990, for carrying out the provisions of subsection (g)(1) of this section; (3) not to exceed \$2,500,000 for fiscal years 1973, 1974, and 1975, \$1,000,000 for fiscal year 1977, \$1,500,000 for fiscal year 1978, \$1,500,000 for fiscal year 1979, \$1,500,000 for fiscal year 1980, \$1,500,000 for fiscal year 1981, \$1,500,000 for fiscal year 1982, such sums as may be necessary for fiscal years 1983 through 1985, and \$1,500,000 per fiscal year for each of the fiscal years 1986 through

1990, for carrying out the provisions of subsection (g)(2) of this section; (4) not to exceed \$10,000,000 for each of the fiscal years ending June 30, 1973, June 30, 1974, and June 30, 1975, for carrying out the provisions of subsection (p) of this section; (5) not to exceed \$15,000,000 per fiscal year for the fiscal years ending June 30, 1973, June 30, 1974, and June 30, 1975, for carrying out the provisions of subsection (r) of this section; and (6) not to exceed \$10,000,000 per fiscal year for the fiscal years ending June 30, 1973, June 30, 1974, and June 30, 1975, for carrying out the provisions of subsection (t) of this section.

(v) Studies concerning pathogen indicators in coastal recreation waters

Not later than 18 months after October 10, 2000, after consultation and in cooperation with appropriate Federal, State, tribal, and local officials (including local health officials), the Administrator shall initiate, and, not later than 3 years after October 10, 2000, shall complete, in cooperation with the heads of other Federal agencies, studies to provide additional information for use in developing—

(1) an assessment of potential human health risks resulting from exposure to pathogens in coastal recreation waters, including non-gastrointestinal effects;

(2) appropriate and effective indicators for improving detection in a timely manner in coastal recreation waters of the presence of pathogens that are harmful to human health;

(3) appropriate, accurate, expeditious, and cost-effective methods (including predictive models) for detecting in a timely manner in coastal recreation waters the presence of pathogens that are harmful to human health; and

(4) guidance for State application of the criteria for pathogens and pathogen indicators to be published under section 1314(a)(9) of this title to account for the diversity of geographic and aquatic conditions.

(June 30, 1948, ch. 758, title I, § 104, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 819; amended Pub. L. 93-207, § 1(1), Dec. 28, 1973, 87 Stat. 906; Pub. L. 93-592, § 1, Jan. 2, 1975, 88 Stat. 1924; Pub. L. 95-217, §§ 4(a), (b), 6, 7, Dec. 27, 1977, 91 Stat. 1566, 1567; Pub. L. 95-576, § 1(a), Nov. 2, 1978, 92 Stat. 2467; Pub. L. 96-88, title V, § 509(b), Oct. 17, 1979, 93 Stat. 695; Pub. L. 96-483, § 1(a), Oct. 21, 1980, 94 Stat. 2360; Pub. L. 100-4, title I, §§ 101(a), 102, Feb. 4, 1987, 101 Stat. 8, 9; Pub. L. 102-154, title I, Nov. 13, 1991, 105 Stat. 1000; Pub. L. 105-362, title V, § 501(a)(1), (d)(2)(A), Nov. 10, 1998, 112 Stat. 3283; Pub. L. 106-284, § 3(a), Oct. 10, 2000, 114 Stat. 871; Pub. L. 107-303, title III, § 302(b)(1), Nov. 27, 2002, 116 Stat. 2361.)

CODIFICATION

In subsecs. (b)(4) and (g)(3)(A), "section 3324(a) and (b) of title 31 and section 6101 of title 41" substituted for references to sections 3648 and 3709 of the Revised Statutes on authority of Pub. L. 97-258, § 4(b), Sept. 13, 1982, 96 Stat. 1067, which Act enacted Title 31, Money and Finance, and Pub. L. 111-350, § 6(c), Jan. 4, 2011, 124 Stat. 3854, which Act enacted Title 41, Public Contracts.

AMENDMENTS

2002—Subsecs. (a)(5), (n)(3), (4), (o)(2). Pub. L. 107-303 repealed Pub. L. 105-362, § 501(a), (d). See 1998 Amendment notes below.

2000—Subsec. (v). Pub. L. 106-284 added subsec. (v).

1998—Subsec. (a)(5). Pub. L. 105-362, § 501(d)(2)(A)(i), which directed the substitution of “not later than 90 days after the date of convening of each session of Congress” for “in the report required under subsection (a) of section 1375 of this title”, was repealed by Pub. L. 107-303. See Effective Date of 2002 Amendment note below.

Subsec. (n)(3), (4). Pub. L. 105-362, § 501(a)(1), which directed the redesignation of par. (4) as (3) and striking out of former par. (3), was repealed by Pub. L. 107-303. See Effective Date of 2002 Amendment note below.

Subsec. (o)(2). Pub. L. 105-362, § 501(d)(2)(A)(ii), which directed the substitution of “not later than 90 days after the date of convening of each session of Congress” for “in the report required under subsection (a) of section 1375 of this title”, was repealed by Pub. L. 107-303. See Effective Date of 2002 Amendment note below.

1987—Subsec. (q)(4). Pub. L. 100-4, § 102, added par. (4).

Subsec. (u). Pub. L. 100-4, § 101(a), in cl. (1) struck out “and” after “1975,” “1980,” and “1981,” and inserted “such sums as may be necessary for fiscal years 1983 through 1985, and not to exceed \$22,770,000 per fiscal year for each of the fiscal years 1986 through 1990,” in cl. (2) struck out “and” after “1981,” and inserted “such sums as may be necessary for fiscal years 1983 through 1985, and \$3,000,000 per fiscal year for each of the fiscal years 1986 through 1990,” and in cl. (3) struck out “and” after “1981,” and inserted “such sums as may be necessary for fiscal years 1983 through 1985, and \$1,500,000 per fiscal year for each of the fiscal years 1986 through 1990,”.

1980—Subsec. (u). Pub. L. 96-483 in par. (1) inserted authorization of not to exceed \$20,697,000 and \$22,770,000 for fiscal years ending Sept. 30, 1981, and 1982, respectively; in par. (2) inserted authorization of the sum of \$3,000,000 for each of fiscal years 1981 and 1982; and in par. (3) inserted authorization of the sum of \$1,500,000 for each of fiscal years 1981 and 1982.

1978—Subsec. (u)(1). Pub. L. 95-576 authorized appropriation of not to exceed \$14,039,000 for fiscal year ending Sept. 30, 1980 and prohibited use of authorizations for any research, development, or demonstration activity pursuant to provisions of this section.

1977—Subsec. (n)(3). Pub. L. 95-217, § 6, substituted “any six-year period” for “any three year period”.

Subsec. (q)(3). Pub. L. 95-217, § 7, added par. (3).

Subsec. (u)(2). Pub. L. 95-217, § 4(a), substituted “1975, \$2,000,000 for fiscal year 1977, \$3,000,000 for fiscal year 1978, \$3,000,000 for fiscal year 1979, and \$3,000,000 for fiscal year 1980,” for “1975”.

Subsec. (u)(3). Pub. L. 95-217, § 4(b), substituted “1975, \$1,000,000 for fiscal year 1977, \$1,500,000 for fiscal year 1978, \$1,500,000 for fiscal year 1979, and \$1,500,000 for fiscal year 1980,” for “1975”.

1975—Subsec. (u)(1). Pub. L. 93-592, § 1(a), substituted “the fiscal year ending June 30, 1974, and the fiscal year ending June 30, 1975,” for “and the fiscal year ending June 30, 1974,”.

Subsec. (u)(2). Pub. L. 93-592, § 1(b), substituted “fiscal years 1973, 1974, and 1975” for “fiscal years 1973 and 1974”.

Subsec. (u)(3). Pub. L. 93-592, § 1(c), substituted “fiscal years 1973, 1974, and 1975” for “fiscal year 1973”.

Subsec. (u)(4), (5), (6). Pub. L. 93-592, § 1(d)-(f), substituted “June 30, 1974, and June 30, 1975,” for “and June 30, 1974,”.

1973—Subsec. (u)(2). Pub. L. 93-207 substituted “fiscal years 1973 and 1974” for “fiscal year 1973”.

CHANGE OF NAME

“United States Geological Survey” substituted for “Geological Survey” in subsec. (a)(5) pursuant to provision of title I of Pub. L. 102-154, set out as a note under section 31 of Title 43, Public Lands.

“Secretary of Health and Human Services” substituted for “Secretary of Health, Education, and Welfare” in subsec. (c) pursuant to section 509(b) of Pub. L. 96-88 which is classified to section 3508(b) of Title 20, Education.

EFFECTIVE DATE OF 2002 AMENDMENT

Pub. L. 107-303, title III, § 302(b), Nov. 27, 2002, 116 Stat. 2361, provided that:

“(1) IN GENERAL.—Effective November 10, 1998, section 501 of the Federal Reports Elimination Act of 1998 (Public Law 105-362; 112 Stat. 3283) is amended by striking subsections (a) [amending this section and section 1330 of this title], (b) [amending section 1324 of this title], (c) [amending section 1329 of this title], and (d) [amending this section and sections 1266, 1285, 1290, and 1375 of this title].

“(2) APPLICABILITY.—The Federal Water Pollution Control Act (33 U.S.C. 1254(n)(3)) [33 U.S.C. 1251 et seq.] shall be applied and administered on and after the date of enactment of this Act [Nov. 27, 2002] as if the amendments made by subsections (a), (b), (c), and (d) of section 501 of the Federal Reports Elimination Act of 1998 (Public Law 105-362; 112 Stat. 3283) had not been enacted.”

TRANSFER OF FUNCTIONS

For transfer of authorities, functions, personnel, and assets of the Coast Guard, including the authorities and functions of the Secretary of Transportation relating thereto, to the Department of Homeland Security, and for treatment of related references, see sections 468(b), 551(d), 552(d), and 557 of Title 6, Domestic Security, and the Department of Homeland Security Reorganization Plan of November 25, 2002, as modified, set out as a note under section 542 of Title 6.

Enforcement functions of Secretary or other official in Department of Agriculture, insofar as they involve lands and programs under jurisdiction of that Department, related to compliance with this chapter with respect to pre-construction, construction, and initial operation of transportation system for Canadian and Alaskan natural gas were transferred to the Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, until the first anniversary of date of initial operation of the Alaska Natural Gas Transportation System, see Reorg. Plan No. 1 of 1979, §§ 102(f), 203(a), 44 F.R. 33663, 33666, 93 Stat. 1373, 1376, effective July 1, 1979, set out in the Appendix to Title 5, Government Organization and Employees. Office of Federal Inspector for the Alaska Natural Gas Transportation System abolished and functions and authority vested in Inspector transferred to Secretary of Energy by section 3012(b) of Pub. L. 102-486, set out as an Abolition of Office of Federal Inspector note under section 719e of Title 15, Commerce and Trade. Functions and authority vested in Secretary of Energy subsequently transferred to Federal Coordinator for Alaska Natural Gas Transportation Projects by section 720d(f) of Title 15.

COLUMBIA RIVER BASIN SYSTEM; PROTECTION FROM OIL SPILLS AND DISCHARGES; CRITERIA FOR EVALUATION AND REPORT TO CONGRESS BY COMMANDANT OF COAST GUARD IN CONSULTATION WITH FEDERAL, ETC., AGENCIES

Pub. L. 95-308, § 8, June 30, 1978, 92 Stat. 359, set forth Congressional findings and declarations and evaluation criteria with respect to protection from oil spills and discharges and betterment of the Columbia River Basin system, with such evaluation by the Commandant of the Coast Guard to begin within 180 days after June 30, 1978, and immediate submission of the evaluation to appropriate Congressional committees.

CONTIGUOUS ZONE OF UNITED STATES

For extension of contiguous zone of United States, see Proc. No. 7219, set out as a note under section 1331 of Title 43, Public Lands.

§ 1254a. Research on effects of pollutants

In carrying out the provisions of section 1254(a) of this title, the Administrator shall conduct research on the harmful effects on the

health and welfare of persons caused by pollutants in water, in conjunction with the United States Fish and Wildlife Service, the National Oceanic and Atmospheric Administration, and other Federal, State, and interstate agencies carrying on such research. Such research shall include, and shall place special emphasis on, the effect that bioaccumulation of these pollutants in aquatic species has upon reducing the value of aquatic commercial and sport industries. Such research shall further study methods to reduce and remove these pollutants from the relevant affected aquatic species so as to restore and enhance these valuable resources.

(Pub. L. 100-4, title I, §105, Feb. 4, 1987, 101 Stat. 15.)

CODIFICATION

Section was enacted as part of the Water Quality Act of 1987, and not as part of the Federal Water Pollution Control Act which comprises this chapter.

DEFINITION

Administrator means the Administrator of the Environmental Protection Agency, see section 1(d) of Pub. L. 100-4, set out as a note under section 1251 of this title.

§ 1255. Grants for research and development

(a) Demonstration projects covering storm waters, advanced waste treatment and water purification methods, and joint treatment systems for municipal and industrial wastes

The Administrator is authorized to conduct in the Environmental Protection Agency, and to make grants to any State, municipality, or intermunicipal or interstate agency for the purpose of assisting in the development of—

(1) any project which will demonstrate a new or improved method of preventing, reducing, and eliminating the discharge into any waters of pollutants from sewers which carry storm water or both storm water and pollutants; or

(2) any project which will demonstrate advanced waste treatment and water purification methods (including the temporary use of new or improved chemical additives which provide substantial immediate improvements to existing treatment processes), or new or improved methods of joint treatment systems for municipal and industrial wastes;

and to include in such grants such amounts as are necessary for the purpose of reports, plans, and specifications in connection therewith.

(b) Demonstration projects for advanced treatment and environmental enhancement techniques to control pollution in river basins

The Administrator is authorized to make grants to any State or States or interstate agency to demonstrate, in river basins or portions thereof, advanced treatment and environmental enhancement techniques to control pollution from all sources, within such basins or portions thereof, including nonpoint sources, together with in stream¹ water quality improvement techniques.

¹ So in original.

(c) Research and demonstration projects for prevention of water pollution by industry

In order to carry out the purposes of section 1311 of this title, the Administrator is authorized to (1) conduct in the Environmental Protection Agency, (2) make grants to persons, and (3) enter into contracts with persons, for research and demonstration projects for prevention of pollution of any waters by industry including, but not limited to, the prevention, reduction, and elimination of the discharge of pollutants. No grant shall be made for any project under this subsection unless the Administrator determines that such project will develop or demonstrate a new or improved method of treating industrial wastes or otherwise prevent pollution by industry, which method shall have industry-wide application.

(d) Accelerated and priority development of waste management and waste treatment methods and identification and measurement methods

In carrying out the provisions of this section, the Administrator shall conduct, on a priority basis, an accelerated effort to develop, refine, and achieve practical application of:

(1) waste management methods applicable to point and nonpoint sources of pollutants to eliminate the discharge of pollutants, including, but not limited to, elimination of runoff of pollutants and the effects of pollutants from in place or accumulated sources;

(2) advanced waste treatment methods applicable to point and nonpoint sources, including in place or accumulated sources of pollutants, and methods for reclaiming and recycling water and confining pollutants so they will not migrate to cause water or other environmental pollution; and

(3) improved methods and procedures to identify and measure the effects of pollutants on the chemical, physical, and biological integrity of water, including those pollutants created by new technological developments.

(e) Research and demonstration projects covering agricultural pollution and pollution from sewage in rural areas; dissemination of information

(1) The Administrator is authorized to (A) make, in consultation with the Secretary of Agriculture, grants to persons for research and demonstration projects with respect to new and improved methods of preventing, reducing, and eliminating pollution from agriculture, and (B) disseminate, in cooperation with the Secretary of Agriculture, such information obtained under this subsection, section 1254(p) of this title, and section 1314 of this title as will encourage and enable the adoption of such methods in the agricultural industry.

(2) The Administrator is authorized, (A) in consultation with other interested Federal agencies, to make grants for demonstration projects with respect to new and improved methods of preventing, reducing, storing, collecting, treating, or otherwise eliminating pollution from sewage in rural and other areas where collection of sewage in conventional, community-wide sewage collection systems is impractical, uneco-

nomical, or otherwise infeasible, or where soil conditions or other factors preclude the use of septic tank and drainage field systems, and (B) in cooperation with other interested Federal and State agencies, to disseminate such information obtained under this subsection as will encourage and enable the adoption of new and improved methods developed pursuant to this subsection.

(f) Limitations

Federal grants under subsection (a) of this section shall be subject to the following limitations:

(1) No grant shall be made for any project unless such project shall have been approved by the appropriate State water pollution control agency or agencies and by the Administrator;

(2) No grant shall be made for any project in an amount exceeding 75 per centum of cost thereof as determined by the Administrator; and

(3) No grant shall be made for any project unless the Administrator determines that such project will serve as a useful demonstration for the purpose set forth in clause (1) or (2) of subsection (a) of this section.

(g) Maximum grants

Federal grants under subsections (c) and (d) of this section shall not exceed 75 per centum of the cost of the project.

(h) Authorization of appropriations

For the purpose of this section there is authorized to be appropriated \$75,000,000 per fiscal year for the fiscal year ending June 30, 1973, the fiscal year ending June 30, 1974, and the fiscal year ending June 30, 1975, and from such appropriations at least 10 per centum of the funds actually appropriated in each fiscal year shall be available only for the purposes of subsection (e) of this section.

(i) Assistance for research and demonstration projects

The Administrator is authorized to make grants to a municipality to assist in the costs of operating and maintaining a project which received a grant under this section, section 1254 of this title, or section 1263 of this title prior to December 27, 1977, so as to reduce the operation and maintenance costs borne by the recipients of services from such project to costs comparable to those for projects assisted under subchapter II of this chapter.

(j) Assistance for recycle, reuse, and land treatment projects

The Administrator is authorized to make a grant to any grantee who received an increased grant pursuant to section 1282(a)(2) of this title. Such grant may pay up to 100 per centum of the costs of technical evaluation of the operation of the treatment works, costs of training of persons (other than employees of the grantee), and costs of disseminating technical information on the operation of the treatment works.

(June 30, 1948, ch. 758, title I, §105, as added Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 825; amended Pub. L. 93-592, §2, Jan. 2, 1975, 88 Stat. 1925; Pub. L. 95-217, §§8, 9, Dec. 27, 1977, 91 Stat. 1568.)

AMENDMENTS

1977—Subsecs. (i), (j). Pub. L. 95-217 added subsecs. (i) and (j).

1975—Subsec. (h). Pub. L. 93-592 substituted “the fiscal year ending June 30, 1974, and the fiscal year ending June 30, 1975,” for “and the fiscal year ending June 30, 1974.”

TRANSFER OF FUNCTIONS

Enforcement functions of Secretary or other official in Department of Agriculture, insofar as they involve lands and programs under jurisdiction of that Department, related to compliance with this chapter with respect to pre-construction, construction, and initial operation of transportation system for Canadian and Alaskan natural gas were transferred to the Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, until the first anniversary of date of initial operation of the Alaska Natural Gas Transportation System, see Reorg. Plan No. 1 of 1979, §§102(f), 203(a), 44 F.R. 33663, 33666, 93 Stat. 1373, 1376, effective July 1, 1979, set out in the Appendix to Title 5, Government Organization and Employees. Office of Federal Inspector for the Alaska Natural Gas Transportation System abolished and functions and authority vested in Inspector transferred to Secretary of Energy by section 3012(b) of Pub. L. 102-486, set out as an Abolition of Office of Federal Inspector note under section 719e of Title 15, Commerce and Trade. Functions and authority vested in Secretary of Energy subsequently transferred to Federal Coordinator for Alaska Natural Gas Transportation Projects by section 720d(f) of Title 15.

§ 1256. Grants for pollution control programs

(a) Authorization of appropriations for State and interstate programs

There are hereby authorized to be appropriated the following sums, to remain available until expended, to carry out the purpose of this section—

(1) \$60,000,000 for the fiscal year ending June 30, 1973; and

(2) \$75,000,000 for the fiscal year ending June 30, 1974, and the fiscal year ending June 30, 1975, \$100,000,000 per fiscal year for the fiscal years 1977, 1978, 1979, and 1980, \$75,000,000 per fiscal year for the fiscal years 1981 and 1982, such sums as may be necessary for fiscal years 1983 through 1985, and \$75,000,000 per fiscal year for each of the fiscal years 1986 through 1990;

for grants to States and to interstate agencies to assist them in administering programs for the prevention, reduction, and elimination of pollution, including enforcement directly or through appropriate State law enforcement officers or agencies.

(b) Allotments

From the sums appropriated in any fiscal year, the Administrator shall make allotments to the several States and interstate agencies in accordance with regulations promulgated by him on the basis of the extent of the pollution problem in the respective States.

(c) Maximum annual payments

The Administrator is authorized to pay to each State and interstate agency each fiscal year either—

(1) the allotment of such State or agency for such fiscal year under subsection (b) of this section, or

(2) the reasonable costs as determined by the Administrator of developing and carrying out

a pollution program by such State or agency during such fiscal year,

which ever amount is the lesser.

(d) Limitations

No grant shall be made under this section to any State or interstate agency for any fiscal year when the expenditure of non-Federal funds by such State or interstate agency during such fiscal year for the recurrent expenses of carrying out its pollution control program are less than the expenditure by such State or interstate agency of non-Federal funds for such recurrent program expenses during the fiscal year ending June 30, 1971.

(e) Grants prohibited to States not establishing water quality monitoring procedures or adequate emergency and contingency plans

Beginning in fiscal year 1974 the Administrator shall not make any grant under this section to any State which has not provided or is not carrying out as a part of its program—

(1) the establishment and operation of appropriate devices, methods, systems, and procedures necessary to monitor, and to compile and analyze data on (including classification according to eutrophic condition), the quality of navigable waters and to the extent practicable, ground waters including biological monitoring; and provision for annually updating such data and including it in the report required under section 1315 of this title;

(2) authority comparable to that in section 1364 of this title and adequate contingency plans to implement such authority.

(f) Conditions

Grants shall be made under this section on condition that—

(1) Such State (or interstate agency) files with the Administrator within one hundred and twenty days after October 18, 1972:

(A) a summary report of the current status of the State pollution control program, including the criteria used by the State in determining priority of treatment works; and

(B) such additional information, data, and reports as the Administrator may require.

(2) No federally assumed enforcement as defined in section 1319(a)(2) of this title is in effect with respect to such State or interstate agency.

(3) Such State (or interstate agency) submits within one hundred and twenty days after October 18, 1972, and before October 1 of each year thereafter for the Administrator's approval of its program for the prevention, reduction, and elimination of pollution in accordance with purposes and provisions of this chapter in such form and content as the Administrator may prescribe.

(g) Reallocation of unpaid allotments

Any sums allotted under subsection (b) of this section in any fiscal year which are not paid shall be reallocated by the Administrator in accordance with regulations promulgated by him.

(June 30, 1948, ch. 758, title I, § 106, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 827; amended Pub. L. 93-592, § 3, Jan. 2, 1975, 88 Stat. 1925; Pub.

L. 94-273, § 3(20), Apr. 21, 1976, 90 Stat. 377; Pub. L. 95-217, § 4(c), Dec. 27, 1977, 91 Stat. 1566; Pub. L. 96-483, § 1(b), Oct. 21, 1980, 94 Stat. 2360; Pub. L. 100-4, title I, § 101(b), Feb. 4, 1987, 101 Stat. 9.)

AMENDMENTS

1987—Subsec. (a)(2). Pub. L. 100-4 inserted “, such sums as may be necessary for fiscal years 1983 through 1985, and \$75,000,000 per fiscal year for each of the fiscal years 1986 through 1990” after “1982”.

1980—Subsec. (a)(2). Pub. L. 96-483 inserted authorization of the sum of \$75,000,000 per fiscal year for fiscal years 1981 and 1982.

1977—Subsec. (a)(2). Pub. L. 95-217 substituted “and the fiscal year ending June 30, 1975, \$100,000,000 per fiscal year for the fiscal years 1977, 1978, 1979, and 1980” for “and the fiscal year ending June 30, 1975”.

1976—Subsec. (f)(3). Pub. L. 94-273 substituted “October” for “July”.

1975—Subsec. (a)(2). Pub. L. 93-592 substituted “June 30, 1974, and the fiscal year ending June 30, 1975;” for “June 30, 1974;”.

§ 1257. Mine water pollution control demonstrations

(a) Comprehensive approaches to elimination or control of mine water pollution

The Administrator in cooperation with the Appalachian Regional Commission and other Federal agencies is authorized to conduct, to make grants for, or to contract for, projects to demonstrate comprehensive approaches to the elimination or control of acid or other mine water pollution resulting from active or abandoned mining operations and other environmental pollution affecting water quality within all or part of a watershed or river basin, including siltation from surface mining. Such projects shall demonstrate the engineering and economic feasibility and practicality of various abatement techniques which will contribute substantially to effective and practical methods of acid or other mine water pollution elimination or control, and other pollution affecting water quality, including techniques that demonstrate the engineering and economic feasibility and practicality of using sewage sludge materials and other municipal wastes to diminish or prevent pollution affecting water quality from acid, sedimentation, or other pollutants and in such projects to restore affected lands to usefulness for forestry, agriculture, recreation, or other beneficial purposes.

(b) Consistency of projects with objectives of subtitle IV of title 40

Prior to undertaking any demonstration project under this section in the Appalachian region (as defined in section 14102(a)(1) and (b) of title 40), the Appalachian Regional Commission shall determine that such demonstration project is consistent with the objectives of subtitle IV of title 40.

(c) Watershed selection

The Administrator, in selecting watersheds for the purposes of this section, shall be satisfied that the project area will not be affected adversely by the influx of acid or other mine water pollution from nearby sources.

(d) Conditions upon Federal participation

Federal participation in such projects shall be subject to the conditions—

(1) that the State shall acquire any land or interests therein necessary for such project; and

(2) that the State shall provide legal and practical protection to the project area to insure against any activities which will cause future acid or other mine water pollution.

(e) Authorization of appropriations

There is authorized to be appropriated \$30,000,000 to carry out the provisions of this section, which sum shall be available until expended.

(June 30, 1948, ch. 758, title I, §107, as added Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 828.)

CODIFICATION

In subsec. (b), "section 14102(a)(1) and (b) of title 40" substituted for "section 403 of the Appalachian Regional Development Act of 1965, as amended" and "sub-title IV of title 40" substituted for "the Appalachian Regional Development Act of 1965, as amended" on authority of Pub. L. 107-217, §5(c), Aug. 21, 2002, 116 Stat. 1303, the first section of which enacted Title 40, Public Buildings, Property, and Works.

§ 1257a. State demonstration programs for cleanup of abandoned mines for use as waste disposal sites; authorization of appropriations

The Administrator of the Environmental Protection Agency is authorized to make grants to States to undertake a demonstration program for the cleanup of State-owned abandoned mines which can be used as hazardous waste disposal sites. The State shall pay 10 per centum of project costs. At a minimum, the Administrator shall undertake projects under such program in the States of Ohio, Illinois, and West Virginia. There are authorized to be appropriated \$10,000,000 per fiscal year for each of the fiscal years ending September 30, 1982, September 30, 1983, and September 30, 1984, to carry out this section. Such projects shall be undertaken in accordance with all applicable laws and regulations.

(Pub. L. 96-483, §12, Oct. 21, 1980, 94 Stat. 2363.)

CODIFICATION

Section was not enacted as part of the Federal Water Pollution Control Act which comprises this chapter.

§ 1258. Pollution control in the Great Lakes

(a) Demonstration projects

The Administrator, in cooperation with other Federal departments, agencies, and instrumentalities is authorized to enter into agreements with any State, political subdivision, interstate agency, or other public agency, or combination thereof, to carry out one or more projects to demonstrate new methods and techniques and to develop preliminary plans for the elimination or control of pollution, within all or any part of the watersheds of the Great Lakes. Such projects shall demonstrate the engineering and economic feasibility and practicality of removal of pollutants and prevention of any polluting matter from entering into the Great Lakes in the future and other reduction and remedial techniques which will contribute substantially to effective and practical methods of pollution prevention, reduction, or elimination.

(b) Conditions of Federal participation

Federal participation in such projects shall be subject to the condition that the State, political subdivision, interstate agency, or other public agency, or combination thereof, shall pay not less than 25 per centum of the actual project costs, which payment may be in any form, including, but not limited to, land or interests therein that is needed for the project, and personal property or services the value of which shall be determined by the Administrator.

(c) Authorization of appropriations

There is authorized to be appropriated \$20,000,000 to carry out the provisions of subsections (a) and (b) of this section, which sum shall be available until expended.

(d) Lake Erie demonstration program

(1) In recognition of the serious conditions which exist in Lake Erie, the Secretary of the Army, acting through the Chief of Engineers, is directed to design and develop a demonstration waste water management program for the rehabilitation and environmental repair of Lake Erie. Prior to the initiation of detailed engineering and design, the program, along with the specific recommendations of the Chief of Engineers, and recommendations for its financing, shall be submitted to the Congress for statutory approval. This authority is in addition to, and not in lieu of, other waste water studies aimed at eliminating pollution emanating from select sources around Lake Erie.

(2) This program is to be developed in cooperation with the Environmental Protection Agency, other interested departments, agencies, and instrumentalities of the Federal Government, and the States and their political subdivisions. This program shall set forth alternative systems for managing waste water on a regional basis and shall provide local and State governments with a range of choice as to the type of system to be used for the treatment of waste water. These alternative systems shall include both advanced waste treatment technology and land disposal systems including aerated treatment-spray irrigation technology and will also include provisions for the disposal of solid wastes, including sludge. Such program should include measures to control point sources of pollution, area sources of pollution, including acid-mine drainage, urban runoff and rural runoff, and in place sources of pollution, including bottom loads, sludge banks, and polluted harbor dredgings.

(e) Authorization of appropriations for Lake Erie demonstration program

There is authorized to be appropriated \$5,000,000 to carry out the provisions of subsection (d) of this section, which sum shall be available until expended.

(June 30, 1948, ch. 758, title I, §108, as added Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 828.)

§ 1259. Training grants and contracts

(a) The Administrator is authorized to make grants to or contracts with institutions of higher education, or combinations of such institutions, to assist them in planning, developing,

strengthening, improving, or carrying out programs or projects for the preparation of undergraduate students to enter an occupation which involves the design, operation, and maintenance of treatment works, and other facilities whose purpose is water quality control. Such grants or contracts may include payment of all or part of the cost of programs or projects such as—

(A) planning for the development or expansion of programs or projects for training persons in the operation and maintenance of treatment works;

(B) training and retraining of faculty members;

(C) conduct of short-term or regular session institutes for study by persons engaged in, or preparing to engage in, the preparation of students preparing to enter an occupation involving the operation and maintenance of treatment works;

(D) carrying out innovative and experimental programs of cooperative education involving alternate periods of full-time or part-time academic study at the institution and periods of full-time or part-time employment involving the operation and maintenance of treatment works; and

(E) research into, and development of, methods of training students or faculty, including the preparation of teaching materials and the planning of curriculum.

(b)(1) The Administrator may pay 100 per centum of any additional cost of construction of treatment works required for a facility to train and upgrade waste treatment works operation and maintenance personnel and for the costs of other State treatment works operator training programs, including mobile training units, classroom rental, specialized instructors, and instructional material.

(2) The Administrator shall make no more than one grant for such additional construction in any State (to serve a group of States, where, in his judgment, efficient training programs require multi-State programs), and shall make such grant after consultation with and approval by the State or States on the basis of (A) the suitability of such facility for training operation and maintenance personnel for treatment works throughout such State or States; and (B) a commitment by the State agency or agencies to carry out at such facility a program of training approved by the Administrator. In any case where a grant is made to serve two or more States, the Administrator is authorized to make an additional grant for a supplemental facility in each such State.

(3) The Administrator may make such grant out of the sums allocated to a State under section 1285 of this title, except that in no event shall the Federal cost of any such training facilities exceed \$500,000.

(4) The Administrator may exempt a grant under this section from any requirement under section 1284(a)(3) of this title. Any grantee who received a grant under this section prior to enactment of the Clean Water Act of 1977 shall be eligible to have its grant increased by funds made available under such Act.

(June 30, 1948, ch. 758, title I, §109, as added Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 829; amended Pub. L. 95-217, §10, Dec. 27, 1977, 91 Stat. 1568.)

REFERENCES IN TEXT

Prior to the date of enactment of the Clean Water Act of 1977, referred to in subsec. (b)(4), means prior to the enactment of Pub. L. 95-217, Dec. 27, 1977, 91 Stat. 1566, which was approved Dec. 27, 1977.

Such Act, referred to in subsec. (b)(4), means Pub. L. 95-217, Dec. 27, 1977, 91 Stat. 1566, as amended, known as the Clean Water Act of 1977. For complete classification of this Act to the Code, see Short Title of 1977 Amendment note set out under section 1251 of this title and Tables.

AMENDMENTS

1977—Subsec. (b)(1). Pub. L. 95-217, §10(c), (d), substituted “cost of construction of treatment works required for a facility to train and upgrade waste treatment works operation and maintenance personnel and for the costs of other State treatment works operator training programs, including mobile training units, classroom rental, specialized instructors, and instructional material” for “cost of construction of a treatment works required for a facility to train and upgrade waste treatment works operation and maintenance personnel”.

Subsec. (b)(2). Pub. L. 95-217, §10(e), authorized Administrator to make an additional grant for a supplemental facility in each of the States in any case where a grant is made to serve two or more States.

Subsec. (b)(3). Pub. L. 95-217, §10(a), substituted “\$500,000” for “\$250,000”.

Subsec. (b)(4). Pub. L. 95-217, §10(b), added par. (4).

§ 1260. Applications; allocation

(1) A grant or contract authorized by section 1259 of this title may be made only upon application to the Administrator at such time or times and containing such information as he may prescribe, except that no such application shall be approved unless it—

(A) sets forth programs, activities, research, or development for which a grant is authorized under section 1259 of this title and describes the relation to any program set forth by the applicant in an application, if any, submitted pursuant to section 1261 of this title;

(B) provides such fiscal control and fund accounting procedures as may be necessary to assure proper disbursement of and accounting for Federal funds paid to the applicant under this section; and

(C) provides for making such reports, in such form and containing such information, as the Administrator may require to carry out his functions under this section, and for keeping such records and for affording such access thereto as the Administrator may find necessary to assure the correctness and verification of such reports.

(2) The Administrator shall allocate grants or contracts under section 1259 of this title in such manner as will most nearly provide an equitable distribution of the grants or contracts throughout the United States among institutions of higher education which show promise of being able to use funds effectively for the purpose of this section.

(3)(A) Payments under this section may be used in accordance with regulations of the Administrator, and subject to the terms and condi-

tions set forth in an application approved under paragraph (1), to pay part of the compensation of students employed in connection with the operation and maintenance of treatment works, other than as an employee in connection with the operation and maintenance of treatment works or as an employee in any branch of the Government of the United States, as part of a program for which a grant has been approved pursuant to this section.

(B) Departments and agencies of the United States are encouraged, to the extent consistent with efficient administration, to enter into arrangements with institutions of higher education for the full-time, part-time, or temporary employment, whether in the competitive or expected service, of students enrolled in programs set forth in applications approved under paragraph (1).

(June 30, 1948, ch. 758, title I, § 110, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 830.)

§ 1261. Scholarships

(1) The Administrator is authorized to award scholarships in accordance with the provisions of this section for undergraduate study by persons who plan to enter an occupation involving the operation and maintenance of treatment works. Such scholarships shall be awarded for such periods as the Administrator may determine but not to exceed four academic years.

(2) The Administrator shall allocate scholarships under this section among institutions of higher education with programs approved under the provisions of this section for the use of individuals accepted into such programs in such manner and according to such plan as will insofar as practicable—

(A) provide an equitable distribution of such scholarships throughout the United States; and

(B) attract recent graduates of secondary schools to enter an occupation involving the operation and maintenance of treatment works.

(3) The Administrator shall approve a program of any institution of higher education for the purposes of this section only upon application by the institution and only upon his finding—

(A) that such program has a principal objective the education and training of persons in the operation and maintenance of treatment works;

(B) that such program is in effect and of high quality, or can be readily put into effect and may reasonably be expected to be of high quality;

(C) that the application describes the relation of such program to any program, activity, research, or development set forth by the applicant in an application, if any, submitted pursuant to section 1260 of this title; and

(D) that the application contains satisfactory assurances that (i) the institution will recommend to the Administrator for the award of scholarships under this section, for study in such program, only persons who have demonstrated to the satisfaction of the institution a serious intent, upon completing the program, to enter an occupation involving the

operation and maintenance of treatment works, and (ii) the institution will make reasonable continuing efforts to encourage recipients of scholarships under this section, enrolled in such program, to enter occupations involving the operation and maintenance of treatment works upon completing the program.

(4)(A) The Administrator shall pay to persons awarded scholarships under this section such stipends (including such allowances for subsistence and other expenses for such persons and their dependents) as he may determine to be consistent with prevailing practices under comparable federally supported programs.

(B) The Administrator shall (in addition to the stipends paid to persons under paragraph (1)) pay to the institution of higher education at which such person is pursuing his course of study such amount as he may determine to be consistent with prevailing practices under comparable federally supported programs.

(5) A person awarded a scholarship under the provisions of this section shall continue to receive the payments provided in this section only during such periods as the Administrator finds that he is maintaining satisfactory proficiency and devoting full time to study or research in the field in which such scholarship was awarded in an institution of higher education, and is not engaging in gainful employment other than employment approved by the Administrator by or pursuant to regulation.

(6) The Administrator shall by regulation provide that any person awarded a scholarship under this section shall agree in writing to enter and remain in an occupation involving the design, operation, or maintenance of treatment works for such period after completion of his course of studies as the Administrator determines appropriate.

(June 30, 1948, ch. 758, title I, § 111, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 831.)

§ 1262. Definitions and authorizations

(a) As used in sections 1259 through 1262 of this title—

(1) The term "institution of higher education" means an educational institution described in the first sentence of section 1001 of title 20 (other than an institution of any agency of the United States) which is accredited by a nationally recognized accrediting agency or association approved by the Administrator for this purpose. For purposes of this subsection, the Administrator shall publish a list of nationally recognized accrediting agencies or associations which he determines to be reliable authority as to the quality of training offered.

(2) The term "academic year" means an academic year or its equivalent, as determined by the Administrator.

(b) The Administrator shall annually report his activities under sections 1259 through 1262 of this title, including recommendations for needed revisions in the provisions thereof.

(c) There are authorized to be appropriated \$25,000,000 per fiscal year for the fiscal years ending June 30, 1973, June 30, 1974, and June 30, 1975, \$6,000,000 for the fiscal year ending Septem-

ber 30, 1977, \$7,000,000 for the fiscal year ending September 30, 1978, \$7,000,000 for the fiscal year ending September 30, 1979, \$7,000,000 for the fiscal year ending September 30, 1980, \$7,000,000 for the fiscal year ending September 30, 1981, \$7,000,000 for the fiscal year ending September 30, 1982, such sums as may be necessary for fiscal years 1983 through 1985, and \$7,000,000 per fiscal year for each of the fiscal years 1986 through 1990, to carry out sections 1259 through 1262 of this title.

(June 30, 1948, ch. 758, title I, § 112, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 832; amended Pub. L. 93-592, § 4, Jan. 2, 1975, 88 Stat. 1925; Pub. L. 95-217, § 4(d), Dec. 27, 1977, 91 Stat. 1566; Pub. L. 96-483, § 1(c), Oct. 21, 1980, 94 Stat. 2360; Pub. L. 100-4, title I, § 101(c), Feb. 4, 1987, 101 Stat. 9; Pub. L. 105-244, title I, § 102(a)(11), Oct. 7, 1998, 112 Stat. 1620.)

AMENDMENTS

1998—Subsec. (a)(1). Pub. L. 105-244 substituted “section 1001” for “section 1141”.

1987—Subsec. (c). Pub. L. 100-4 struck out “and” after “1981,” and inserted “such sums as may be necessary for fiscal years 1983 through 1985, and \$7,000,000 per fiscal year for each of the fiscal years 1986 through 1990,” after “1982.”

1980—Subsec. (c). Pub. L. 96-483 inserted authorization of the sum of \$7,000,000 for each of fiscal years ending Sept. 30, 1981 and 1982.

1977—Subsec. (c). Pub. L. 95-217 substituted “June 30, 1975, \$6,000,000 for the fiscal year ending September 30, 1977, \$7,000,000 for the fiscal year ending September 30, 1978, \$7,000,000 for the fiscal year ending September 30, 1979, and \$7,000,000 for the fiscal year ending September 30, 1980,” for “June 30, 1975.”

1975—Subsec. (c). Pub. L. 93-592 substituted “June 30, 1974, and June 30, 1975,” for “and June 30, 1974.”

EFFECTIVE DATE OF 1998 AMENDMENT

Amendment by Pub. L. 105-244 effective Oct. 1, 1998, except as otherwise provided in Pub. L. 105-244, see section 3 of Pub. L. 105-244, set out as a note under section 1001 of Title 20, Education.

§ 1263. Alaska village demonstration projects

(a) Central community facilities for safe water; elimination or control of pollution

The Administrator is authorized to enter into agreements with the State of Alaska to carry out one or more projects to demonstrate methods to provide for central community facilities for safe water and eliminate or control of pollution in those native villages of Alaska without such facilities. Such project shall include provisions for community safe water supply systems, toilets, bathing and laundry facilities, sewage disposal facilities, and other similar facilities, and educational and informational facilities and programs relating to health and hygiene. Such demonstration projects shall be for the further purpose of developing preliminary plans for providing such safe water and such elimination or control of pollution for all native villages in such State.

(b) Utilization of personnel and facilities of Department of Health and Human Services

In carrying out this section the Administrator shall cooperate with the Secretary of Health and Human Services for the purpose of utilizing such of the personnel and facilities of that Department as may be appropriate.

(c) Omitted

(d) Authorization of appropriations

There is authorized to be appropriated not to exceed \$2,000,000 to carry out this section. In addition, there is authorized to be appropriated to carry out this section not to exceed \$200,000 for the fiscal year ending September 30, 1978, and \$220,000 for the fiscal year ending September 30, 1979.

(e) Study to develop comprehensive program for achieving sanitation services; report to Congress

The Administrator is authorized to coordinate with the Secretary of the Department of Health and Human Services, the Secretary of the Department of Housing and Urban Development, the Secretary of the Department of the Interior, the Secretary of the Department of Agriculture, and the heads of any other departments or agencies he may deem appropriate to conduct a joint study with representatives of the State of Alaska and the appropriate Native organizations (as defined in Public Law 92-203) to develop a comprehensive program for achieving adequate sanitation services in Alaska villages. This study shall be coordinated with the programs and projects authorized by sections 1254(q) and 1255(e)(2) of this title. The Administrator shall submit a report of the results of the study, together with appropriate supporting data and such recommendations as he deems desirable, to the Committee on Environment and Public Works of the Senate and to the Committee on Public Works and Transportation of the House of Representatives not later than December 31, 1979. The Administrator shall also submit recommended administrative actions, procedures, and any proposed legislation necessary to implement the recommendations of the study no later than June 30, 1980.

(f) Technical, financial, and management assistance

The Administrator is authorized to provide technical, financial and management assistance for operation and maintenance of the demonstration projects constructed under this section, until such time as the recommendations of subsection (e) of this section are implemented.

(g) “Village” and “sanitation services” defined

For the purpose of this section, the term “village” shall mean an incorporated or unincorporated community with a population of ten to six hundred people living within a two-mile radius. The term “sanitation services” shall mean water supply, sewage disposal, solid waste disposal and other services necessary to maintain generally accepted standards of personal hygiene and public health.

(June 30, 1948, ch. 758, title I, § 113, as added Pub. L. 92-500, § 2, Oct. 18, 1972, 86 Stat. 832; amended Pub. L. 95-217, § 11, Dec. 27, 1977, 91 Stat. 1568; Pub. L. 96-88, title V, § 509(b), Oct. 17, 1979, 93 Stat. 695.)

REFERENCES IN TEXT

Public Law 92-203, referred to in subsec. (e), is Pub. L. 92-203, Dec. 18, 1971, 85 Stat. 688, as amended, known as the Alaska Native Claims Settlement Act, which is

classified generally to chapter 33 (§1601 et seq.) of Title 43, Public Lands. For complete classification of this Act to the Code, see Short Title note set out under section 1601 of Title 43 and Tables.

CODIFICATION

Subsec. (c) authorized the Administrator to report to Congress the results of the demonstration project accompanied by his recommendations for the establishment of a statewide project not later than July 1, 1973.

AMENDMENTS

1977—Subsec. (d). Pub. L. 95-217, §11(b), authorized additional appropriations of not to exceed \$200,000 for the fiscal year ending Sept. 30, 1978, and \$220,000, for the fiscal year ending Sept. 30, 1979, to carry out this section.

Subsecs. (e) to (g). Pub. L. 95-217, §11(a), added subsecs. (e), (f), and (g).

CHANGE OF NAME

“Secretary of Health and Human Services” substituted for “Secretary of Health, Education, and Welfare” in subsec. (b), and “Secretary of the Department of Health and Human Services” substituted for “Secretary of the Department of Health, Education, and Welfare” in subsec. (e), pursuant to section 509(b) of Pub. L. 96-88 which is classified to section 3508(b) of Title 20, Education.

Committee on Public Works and Transportation of House of Representatives treated as referring to Committee on Transportation and Infrastructure of House of Representatives by section 1(a) of Pub. L. 104-14, set out as a note preceding section 21 of Title 2, The Congress.

CORPS CAPABILITY STUDY, ALASKA

Pub. L. 104-303, title IV, §401, Oct. 12, 1996, 110 Stat. 3740, provided that: “Not later than 18 months after the date of the enactment of this Act [Oct. 12, 1996], the Secretary shall report to Congress on the advisability and capability of the Corps of Engineers to implement rural sanitation projects for rural and Native villages in Alaska.”

§ 1263a. Grants to Alaska to improve sanitation in rural and Native villages

(a) In general

The Administrator of the Environmental Protection Agency may make grants to the State of Alaska for the benefit of rural and Native villages in Alaska to pay the Federal share of the cost of—

(1) the development and construction of public water systems and wastewater systems to improve the health and sanitation conditions in the villages; and

(2) training, technical assistance, and educational programs relating to the operation and management of sanitation services in rural and Native villages.

(b) Federal share

The Federal share of the cost of the activities described in subsection (a) of this section shall be 50 percent.

(c) Administrative expenses

The State of Alaska may use an amount not to exceed 4 percent of any grant made available under this subsection¹ for administrative expenses necessary to carry out the activities described in subsection (a) of this section.

(d) Consultation with State of Alaska

The Administrator shall consult with the State of Alaska on a method of prioritizing the

allocation of grants under subsection (a) of this section according to the needs of, and relative health and sanitation conditions in, each eligible village.

(e) Authorization of appropriations

There are authorized to be appropriated to carry out this section \$40,000,000 for each of fiscal years 2001 through 2005.

(Pub. L. 104-182, title III, §303, Aug. 6, 1996, 110 Stat. 1683; Pub. L. 106-457, title IX, §903, Nov. 7, 2000, 114 Stat. 1982.)

CODIFICATION

Section was enacted as part of the Safe Drinking Water Act Amendments of 1996, and not as part of the Federal Water Pollution Control Act which comprises this chapter.

AMENDMENTS

2000—Subsec. (e). Pub. L. 106-457 substituted “to carry out this section \$40,000,000 for each of fiscal years 2001 through 2005” for “\$15,000,000 for each of the fiscal years 1997 through 2000 to carry out this section”.

§ 1264. Omitted

CODIFICATION

Section, act June 30, 1948, ch. 758, title I, §114, as added Oct. 18, 1972, Pub. L. 92-500, §2, 86 Stat. 833, authorized the Administrator, in consultation with the Tahoe Regional Planning Agency, the Secretary of Agriculture, other Federal agencies, representatives of State and local governments, and members of the public, to conduct a thorough and complete study on the need of extending Federal oversight and control in order to preserve the fragile ecology of Lake Tahoe and to report the results of this study to Congress not later than one year after Oct. 18, 1972.

§ 1265. In-place toxic pollutants

The Administrator is directed to identify the location of in-place pollutants with emphasis on toxic pollutants in harbors and navigable waterways and is authorized, acting through the Secretary of the Army, to make contracts for the removal and appropriate disposal of such materials from critical port and harbor areas. There is authorized to be appropriated \$15,000,000 to carry out the provisions of this section, which sum shall be available until expended.

(June 30, 1948, ch. 758, title I, §115, as added Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 833.)

§ 1266. Hudson River reclamation demonstration project

(a) The Administrator is authorized to enter into contracts and other agreements with the State of New York to carry out a project to demonstrate methods for the selective removal of polychlorinated biphenyls contaminating bottom sediments of the Hudson River, treating such sediments as required, burying such sediments in secure landfills, and installing monitoring systems for such landfills. Such demonstration project shall be for the purpose of determining the feasibility of indefinite storage in secure landfills of toxic substances and of ascertaining the improvement of the rate of recovery of a toxic contaminated national waterway. No pollutants removed pursuant to this paragraph shall be placed in any landfill unless the Admin-

¹ So in original. Probably should be “section”.

istrator first determines that disposal of the pollutants in such landfill would provide a higher standard of protection of the public health, safety, and welfare than disposal of such pollutants by any other method including, but not limited to, incineration or a chemical destruction process.

(b) The Administrator is authorized to make grants to the State of New York to carry out this section from funds allotted to such State under section 1285(a) of this title, except that the amount of any such grant shall be equal to 75 per centum of the cost of the project and such grant shall be made on condition that non-Federal sources provide the remainder of the cost of such project. The authority of this section shall be available until September 30, 1983. Funds allotted to the State of New York under section 1285(a) of this title shall be available under this subsection only to the extent that funds are not available, as determined by the Administrator, to the State of New York for the work authorized by this section under section 1265 or 1321 of this title or a comprehensive hazardous substance response and clean up fund. Any funds used under the authority of this subsection shall be deducted from any estimate of the needs of the State of New York prepared under section 1375(b) of this title. The Administrator may not obligate or expend more than \$20,000,000 to carry out this section.

(June 30, 1948, ch. 758, title I, § 116, as added Pub. L. 96-483, § 10, Oct. 21, 1980, 94 Stat. 2363; amended Pub. L. 105-362, title V, § 501(d)(2)(B), Nov. 10, 1998, 112 Stat. 3284; Pub. L. 107-303, title III, § 302(b)(1), Nov. 27, 2002, 116 Stat. 2361.)

AMENDMENTS

2002—Subsec. (b). Pub. L. 107-303 repealed Pub. L. 105-362, § 501(d)(2)(B). See 1998 Amendment note below.

1998—Subsec. (b). Pub. L. 105-362, § 501(d)(2)(B), which directed the substitution of “section 1375 of this title” for “section 1375(b) of this title” in penultimate sentence, was repealed by Pub. L. 107-303. See Effective Date of 2002 Amendment note below.

EFFECTIVE DATE OF 2002 AMENDMENT

Amendment by Pub. L. 107-303 effective Nov. 10, 1998, and Federal Water Pollution Act (33 U.S.C. 1251 et seq.) to be applied and administered on and after Nov. 27, 2002, as if amendments made by section 501(a)-(d) of Pub. L. 105-362 had not been enacted, see section 302(b) of Pub. L. 107-303, set out as a note under section 1254 of this title.

§ 1267. Chesapeake Bay

(a) Definitions

In this section, the following definitions apply:

(1) Administrative cost

The term “administrative cost” means the cost of salaries and fringe benefits incurred in administering a grant under this section.

(2) Chesapeake Bay Agreement

The term “Chesapeake Bay Agreement” means the formal, voluntary agreements executed to achieve the goal of restoring and protecting the Chesapeake Bay ecosystem and the living resources of the Chesapeake Bay ecosystem and signed by the Chesapeake Executive Council.

(3) Chesapeake Bay ecosystem

The term “Chesapeake Bay ecosystem” means the ecosystem of the Chesapeake Bay and its watershed.

(4) Chesapeake Bay Program

The term “Chesapeake Bay Program” means the program directed by the Chesapeake Executive Council in accordance with the Chesapeake Bay Agreement.

(5) Chesapeake Executive Council

The term “Chesapeake Executive Council” means the signatories to the Chesapeake Bay Agreement.

(6) Signatory jurisdiction

The term “signatory jurisdiction” means a jurisdiction of a signatory to the Chesapeake Bay Agreement.

(b) Continuation of Chesapeake Bay Program

(1) In general

In cooperation with the Chesapeake Executive Council (and as a member of the Council), the Administrator shall continue the Chesapeake Bay Program.

(2) Program Office

(A) In general

The Administrator shall maintain in the Environmental Protection Agency a Chesapeake Bay Program Office.

(B) Function

The Chesapeake Bay Program Office shall provide support to the Chesapeake Executive Council by—

(i) implementing and coordinating science, research, modeling, support services, monitoring, data collection, and other activities that support the Chesapeake Bay Program;

(ii) developing and making available, through publications, technical assistance, and other appropriate means, information pertaining to the environmental quality and living resources of the Chesapeake Bay ecosystem;

(iii) in cooperation with appropriate Federal, State, and local authorities, assisting the signatories to the Chesapeake Bay Agreement in developing and implementing specific action plans to carry out the responsibilities of the signatories to the Chesapeake Bay Agreement;

(iv) coordinating the actions of the Environmental Protection Agency with the actions of the appropriate officials of other Federal agencies and State and local authorities in developing strategies to—

(I) improve the water quality and living resources in the Chesapeake Bay ecosystem; and

(II) obtain the support of the appropriate officials of the agencies and authorities in achieving the objectives of the Chesapeake Bay Agreement; and

(v) implementing outreach programs for public information, education, and participation to foster stewardship of the resources of the Chesapeake Bay.

(c) Interagency agreements

The Administrator may enter into an interagency agreement with a Federal agency to carry out this section.

(d) Technical assistance and assistance grants**(1) In general**

In cooperation with the Chesapeake Executive Council, the Administrator may provide technical assistance, and assistance grants, to nonprofit organizations, State and local governments, colleges, universities, and interstate agencies to carry out this section, subject to such terms and conditions as the Administrator considers appropriate.

(2) Federal share**(A) In general**

Except as provided in subparagraph (B), the Federal share of an assistance grant provided under paragraph (1) shall be determined by the Administrator in accordance with guidance issued by the Administrator.

(B) Small watershed grants program

The Federal share of an assistance grant provided under paragraph (1) to carry out an implementing activity under subsection (g)(2) of this section shall not exceed 75 percent of eligible project costs, as determined by the Administrator.

(3) Non-Federal share

An assistance grant under paragraph (1) shall be provided on the condition that non-Federal sources provide the remainder of eligible project costs, as determined by the Administrator.

(4) Administrative costs

Administrative costs shall not exceed 10 percent of the annual grant award.

(e) Implementation and monitoring grants**(1) In general**

If a signatory jurisdiction has approved and committed to implement all or substantially all aspects of the Chesapeake Bay Agreement, on the request of the chief executive of the jurisdiction, the Administrator—

(A) shall make a grant to the jurisdiction for the purpose of implementing the management mechanisms established under the Chesapeake Bay Agreement, subject to such terms and conditions as the Administrator considers appropriate; and

(B) may make a grant to a signatory jurisdiction for the purpose of monitoring the Chesapeake Bay ecosystem.

(2) Proposals**(A) In general**

A signatory jurisdiction described in paragraph (1) may apply for a grant under this subsection for a fiscal year by submitting to the Administrator a comprehensive proposal to implement management mechanisms established under the Chesapeake Bay Agreement.

(B) Contents

A proposal under subparagraph (A) shall include—

(i) a description of proposed management mechanisms that the jurisdiction commits to take within a specified time period, such as reducing or preventing pollution in the Chesapeake Bay and its watershed or meeting applicable water quality standards or established goals and objectives under the Chesapeake Bay Agreement; and

(ii) the estimated cost of the actions proposed to be taken during the fiscal year.

(3) Approval

If the Administrator finds that the proposal is consistent with the Chesapeake Bay Agreement and the national goals established under section 1251(a) of this title, the Administrator may approve the proposal for an award.

(4) Federal share

The Federal share of a grant under this subsection shall not exceed 50 percent of the cost of implementing the management mechanisms during the fiscal year.

(5) Non-Federal share

A grant under this subsection shall be made on the condition that non-Federal sources provide the remainder of the costs of implementing the management mechanisms during the fiscal year.

(6) Administrative costs

Administrative costs shall not exceed 10 percent of the annual grant award.

(7) Reporting

On or before October 1 of each fiscal year, the Administrator shall make available to the public a document that lists and describes, in the greatest practicable degree of detail—

(A) all projects and activities funded for the fiscal year;

(B) the goals and objectives of projects funded for the previous fiscal year; and

(C) the net benefits of projects funded for previous fiscal years.

(f) Federal facilities and budget coordination**(1) Subwatershed planning and restoration**

A Federal agency that owns or operates a facility (as defined by the Administrator) within the Chesapeake Bay watershed shall participate in regional and subwatershed planning and restoration programs.

(2) Compliance with agreement

The head of each Federal agency that owns or occupies real property in the Chesapeake Bay watershed shall ensure that the property, and actions taken by the agency with respect to the property, comply with the Chesapeake Bay Agreement, the Federal Agencies Chesapeake Ecosystem Unified Plan, and any subsequent agreements and plans.

(3) Budget coordination**(A) In general**

As part of the annual budget submission of each Federal agency with projects or grants related to restoration, planning, monitoring, or scientific investigation of the Chesapeake Bay ecosystem, the head of the agency shall submit to the President a report that de-

scribes plans for the expenditure of the funds under this section.

(B) Disclosure to the Council

The head of each agency referred to in subparagraph (A) shall disclose the report under that subparagraph with the Chesapeake Executive Council as appropriate.

(g) Chesapeake Bay Program

(1) Management strategies

The Administrator, in coordination with other members of the Chesapeake Executive Council, shall ensure that management plans are developed and implementation is begun by signatories to the Chesapeake Bay Agreement to achieve and maintain—

(A) the nutrient goals of the Chesapeake Bay Agreement for the quantity of nitrogen and phosphorus entering the Chesapeake Bay and its watershed;

(B) the water quality requirements necessary to restore living resources in the Chesapeake Bay ecosystem;

(C) the Chesapeake Bay Basinwide Toxins Reduction and Prevention Strategy goal of reducing or eliminating the input of chemical contaminants from all controllable sources to levels that result in no toxic or bioaccumulative impact on the living resources of the Chesapeake Bay ecosystem or on human health;

(D) habitat restoration, protection, creation, and enhancement goals established by Chesapeake Bay Agreement signatories for wetlands, riparian forests, and other types of habitat associated with the Chesapeake Bay ecosystem; and

(E) the restoration, protection, creation, and enhancement goals established by the Chesapeake Bay Agreement signatories for living resources associated with the Chesapeake Bay ecosystem.

(2) Small watershed grants program

The Administrator, in cooperation with the Chesapeake Executive Council, shall—

(A) establish a small watershed grants program as part of the Chesapeake Bay Program; and

(B) offer technical assistance and assistance grants under subsection (d) of this section to local governments and nonprofit organizations and individuals in the Chesapeake Bay region to implement—

(i) cooperative tributary basin strategies that address the water quality and living resource needs in the Chesapeake Bay ecosystem; and

(ii) locally based protection and restoration programs or projects within a watershed that complement the tributary basin strategies, including the creation, restoration, protection, or enhancement of habitat associated with the Chesapeake Bay ecosystem.

(h) Study of Chesapeake Bay Program

(1) In general

Not later than April 22, 2003, and every 5 years thereafter, the Administrator, in coordination with the Chesapeake Executive Council,

shall complete a study and submit to Congress a comprehensive report on the results of the study.

(2) Requirements

The study and report shall—

(A) assess the state of the Chesapeake Bay ecosystem;

(B) compare the current state of the Chesapeake Bay ecosystem with its state in 1975, 1985, and 1995;

(C) assess the effectiveness of management strategies being implemented on November 7, 2000, and the extent to which the priority needs are being met;

(D) make recommendations for the improved management of the Chesapeake Bay Program either by strengthening strategies being implemented on November 7, 2000, or by adopting new strategies; and

(E) be presented in such a format as to be readily transferable to and usable by other watershed restoration programs.

(i) Special study of living resource response

(1) In general

Not later than 180 days after November 7, 2000, the Administrator shall commence a 5-year special study with full participation of the scientific community of the Chesapeake Bay to establish and expand understanding of the response of the living resources of the Chesapeake Bay ecosystem to improvements in water quality that have resulted from investments made through the Chesapeake Bay Program.

(2) Requirements

The study shall—

(A) determine the current status and trends of living resources, including grasses, benthos, phytoplankton, zooplankton, fish, and shellfish;

(B) establish to the extent practicable the rates of recovery of the living resources in response to improved water quality condition;

(C) evaluate and assess interactions of species, with particular attention to the impact of changes within and among trophic levels; and

(D) recommend management actions to optimize the return of a healthy and balanced ecosystem in response to improvements in the quality and character of the waters of the Chesapeake Bay.

(j) Authorization of appropriations

There is authorized to be appropriated to carry out this section \$40,000,000 for each of fiscal years 2001 through 2005. Such sums shall remain available until expended.

(June 30, 1948, ch. 758, title I, § 117, as added Pub. L. 100-4, title I, § 103, Feb. 4, 1987, 101 Stat. 10; amended Pub. L. 106-457, title II, § 203, Nov. 7, 2000, 114 Stat. 1967.)

CODIFICATION

November 7, 2000, referred to in subsecs. (h)(2)(C), (D), and (i)(1), was in the original “the date of enactment of this section”, which was translated as meaning the date of enactment of Pub. L. 106-457, which amended

this section generally, to reflect the probable intent of Congress.

AMENDMENTS

2000—Pub. L. 106-457 amended section generally, substituting subsecs. (a) to (j) for former subsecs. (a) to (d), which related to continuation of the Chesapeake Bay Program and establishment and maintenance in the Environmental Protection Agency of an office, division, or branch of Chesapeake Bay Programs, interstate development plan grants, progress reports from grant recipient States, and authorization of appropriations.

FINDINGS AND PURPOSES

Pub. L. 106-457, title II, §202, Nov. 7, 2000, 114 Stat. 1967, provided that:

“(a) FINDINGS.—Congress finds that—

“(1) the Chesapeake Bay is a national treasure and a resource of worldwide significance;

“(2) over many years, the productivity and water quality of the Chesapeake Bay and its watershed were diminished by pollution, excessive sedimentation, shoreline erosion, the impacts of population growth and development in the Chesapeake Bay watershed, and other factors;

“(3) the Federal Government (acting through the Administrator of the Environmental Protection Agency), the Governor of the State of Maryland, the Governor of the Commonwealth of Virginia, the Governor of the Commonwealth of Pennsylvania, the Chairperson of the Chesapeake Bay Commission, and the mayor of the District of Columbia, as Chesapeake Bay Agreement signatories, have committed to a comprehensive cooperative program to achieve improved water quality and improvements in the productivity of living resources of the Bay;

“(4) the cooperative program described in paragraph (3) serves as a national and international model for the management of estuaries; and

“(5) there is a need to expand Federal support for monitoring, management, and restoration activities in the Chesapeake Bay and the tributaries of the Bay in order to meet and further the original and subsequent goals and commitments of the Chesapeake Bay Program.

“(b) PURPOSES.—The purposes of this title [amending this section and enacting provisions set out as a note under section 1251 of this title] are—

“(1) to expand and strengthen cooperative efforts to restore and protect the Chesapeake Bay; and

“(2) to achieve the goals established in the Chesapeake Bay Agreement.”

NUTRIENT LOADING RESULTING FROM DREDGED MATERIAL DISPOSAL

Pub. L. 106-53, title IV, §457, Aug. 17, 1999, 113 Stat. 332, provided that:

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

“(b) REPORT.—Not later than 18 months after the date of enactment of this Act [Aug. 17, 1999], the Secretary shall submit to Congress a report on the results of the study.”

EX. ORD. NO. 13508. CHESAPEAKE BAY PROTECTION AND RESTORATION

Ex. Ord. No. 13508, May 12, 2009, 74 F.R. 23099, provided:

By the authority vested in me as President by the Constitution and the laws of the United States of America and in furtherance of the purposes of the Clean Water Act of 1972, as amended (33 U.S.C. 1251 *et seq.*), and other laws, and to protect and restore the health, heritage, natural resources, and social and economic value of the Nation's largest estuarine ecosystem and the natural sustainability of its watershed, it is hereby ordered as follows:

PART 1—PREAMBLE

The Chesapeake Bay is a national treasure constituting the largest estuary in the United States and one of the largest and most biologically productive estuaries in the world. The Federal Government has nationally significant assets in the Chesapeake Bay and its watershed in the form of public lands, facilities, military installations, parks, forests, wildlife refuges, monuments, and museums.

Despite significant efforts by Federal, State, and local governments and other interested parties, water pollution in the Chesapeake Bay prevents the attainment of existing State water quality standards and the “fishable and swimmable” goals of the Clean Water Act. At the current level and scope of pollution control within the Chesapeake Bay's watershed, restoration of the Chesapeake Bay is not expected for many years. The pollutants that are largely responsible for pollution of the Chesapeake Bay are nutrients, in the form of nitrogen and phosphorus, and sediment. These pollutants come from many sources, including sewage treatment plants, city streets, development sites, agricultural operations, and deposition from the air onto the waters of the Chesapeake Bay and the lands of the watershed.

Restoration of the health of the Chesapeake Bay will require a renewed commitment to controlling pollution from all sources as well as protecting and restoring habitat and living resources, conserving lands, and improving management of natural resources, all of which contribute to improved water quality and ecosystem health. The Federal Government should lead this effort. Executive departments and agencies (agencies), working in collaboration, can use their expertise and resources to contribute significantly to improving the health of the Chesapeake Bay. Progress in restoring the Chesapeake Bay also will depend on the support of State and local governments, the enterprise of the private sector, and the stewardship provided to the Chesapeake Bay by all the people who make this region their home.

PART 2—SHARED FEDERAL LEADERSHIP, PLANNING, AND ACCOUNTABILITY

SEC. 201. *Federal Leadership Committee.* In order to begin a new era of shared Federal leadership with respect to the protection and restoration of the Chesapeake Bay, a Federal Leadership Committee (Committee) for the Chesapeake Bay is established to oversee the development and coordination of programs and activities, including data management and reporting, of agencies participating in protection and restoration of the Chesapeake Bay. The Committee shall manage the development of strategies and program plans for the watershed and ecosystem of the Chesapeake Bay and oversee their implementation. The Committee shall be chaired by the Administrator of the Environmental Protection Agency (EPA), or the Administrator's designee, and include senior representatives of the Departments of Agriculture (USDA), Commerce (DOC), Defense (DOD), Homeland Security (DHS), the Interior (DOI), Transportation (DOT), and such other agencies as determined by the Committee. Representatives serving on the Committee shall be officers of the United States.

SEC. 202. *Reports on Key Challenges to Protecting and Restoring the Chesapeake Bay.* Within 120 days from the date of this order, the agencies identified in this section as the lead agencies shall prepare and submit draft reports to the Committee making recommendations for accomplishing the following steps to protect and restore the Chesapeake Bay:

(a) define the next generation of tools and actions to restore water quality in the Chesapeake Bay and describe the changes to be made to regulations, programs, and policies to implement these actions;

(b) target resources to better protect the Chesapeake Bay and its tributary waters, including resources under the Food Security Act of 1985 as amended, the Clean Water Act, and other laws;

(c) strengthen storm water management practices at Federal facilities and on Federal lands within the Chesapeake Bay watershed and develop storm water best practices guidance;

(d) assess the impacts of a changing climate on the Chesapeake Bay and develop a strategy for adapting natural resource programs and public infrastructure to the impacts of a changing climate on water quality and living resources of the Chesapeake Bay watershed;

(e) expand public access to waters and open spaces of the Chesapeake Bay and its tributaries from Federal lands and conserve landscapes and ecosystems of the Chesapeake Bay watershed;

(f) strengthen scientific support for decisionmaking to restore the Chesapeake Bay and its watershed, including expanded environmental research and monitoring and observing systems; and

(g) develop focused and coordinated habitat and research activities that protect and restore living resources and water quality of the Chesapeake Bay and its watershed.

The EPA shall be the lead agency for subsection (a) of this section and the development of the storm water best practices guide under subsection (c). The USDA shall be the lead agency for subsection (b). The DOD shall lead on storm water management practices at Federal facilities and on Federal lands under subsection (c). The DOI and the DOC shall share the lead on subsections (d), (f), and (g), and the DOI shall be lead on subsection (e). The lead agencies shall provide final reports to the Committee within 180 days of the date of this order.

SEC. 203. *Strategy for Protecting and Restoring the Chesapeake Bay.* The Committee shall prepare and publish a strategy for coordinated implementation of existing programs and projects to guide efforts to protect and restore the Chesapeake Bay. The strategy shall, to the extent permitted by law:

(a) define environmental goals for the Chesapeake Bay and describe milestones for making progress toward attainment of these goals;

(b) identify key measureable indicators of environmental condition and changes that are critical to effective Federal leadership;

(c) describe the specific programs and strategies to be implemented, including the programs and strategies described in draft reports developed under section 202 of this order;

(d) identify the mechanisms that will assure that governmental and other activities, including data collection and distribution, are coordinated and effective, relying on existing mechanisms where appropriate; and

(e) describe a process for the implementation of adaptive management principles, including a periodic evaluation of protection and restoration activities.

The Committee shall review the draft reports submitted by lead agencies under section 202 of this order and, in consultation with relevant State agencies, suggest appropriate revisions to the agency that provided the draft report. It shall then integrate these reports into a coordinated strategy for restoration and protection of the Chesapeake Bay consistent with the requirements of this order. Together with the final reports prepared by the lead agencies, the draft strategy shall be published for public review and comment within 180 days of the date of this order and a final strategy shall be published within 1 year. To the extent practicable and authorized under their existing authorities, agencies may begin implementing core elements of restoration and protection programs and strategies, in consultation with the Committee, as soon as possible and prior to release of a final strategy.

SEC. 204. *Collaboration with State Partners.* In preparing the reports under section 202 and the strategy under section 203, the lead agencies and the Committee shall consult extensively with the States of Virginia, Maryland, Pennsylvania, West Virginia, New York, and Delaware and the District of Columbia. The goal of this consultation is to ensure that Federal actions to protect and restore the Chesapeake Bay are closely coordi-

nated with actions by State and local agencies in the watershed and that the resources, authorities, and expertise of Federal, State, and local agencies are used as efficiently as possible for the benefit of the Chesapeake Bay's water quality and ecosystem and habitat health and viability.

SEC. 205. *Annual Action Plan and Progress Report.* Beginning in 2010, the Committee shall publish an annual Chesapeake Bay Action Plan (Action Plan) describing how Federal funding proposed in the President's Budget will be used to protect and restore the Chesapeake Bay during the upcoming fiscal year. This plan will be accompanied by an Annual Progress Report reviewing indicators of environmental conditions in the Chesapeake Bay, assessing implementation of the Action Plan during the preceding fiscal year, and recommending steps to improve progress in restoring and protecting the Chesapeake Bay. The Committee shall consult with stakeholders (including relevant State agencies) and members of the public in developing the Action Plan and Annual Progress Report.

SEC. 206. *Strengthen Accountability.* The Committee, in collaboration with State agencies, shall ensure that an independent evaluator periodically reports to the Committee on progress toward meeting the goals of this order. The Committee shall ensure that all program evaluation reports, including data on practice or system implementation and maintenance funded through agency programs, as appropriate, are made available to the public by posting on a website maintained by the Chair of the Committee.

PART 3—RESTORE CHESAPEAKE BAY WATER QUALITY

SEC. 301. *Water Pollution Control Strategies.* In preparing the report required by subsection 202(a) of this order, the Administrator of the EPA (Administrator) shall, after consulting with appropriate State agencies, examine how to make full use of its authorities under the Clean Water Act to protect and restore the Chesapeake Bay and its tributary waters and, as appropriate, shall consider revising any guidance and regulations. The Administrator shall identify pollution control strategies and actions authorized by the EPA's existing authorities to restore the Chesapeake Bay that:

(a) establish a clear path to meeting, as expeditiously as practicable, water quality and environmental restoration goals for the Chesapeake Bay;

(b) are based on sound science and reflect adaptive management principles;

(c) are performance oriented and publicly accountable;

(d) apply innovative and cost-effective pollution control measures;

(e) can be replicated in efforts to protect other bodies of water, where appropriate; and

(f) build on the strengths and expertise of Federal, State, and local governments, the private sector, and citizen organizations.

SEC. 302. *Elements of EPA Reports.* The strategies and actions identified by the Administrator of the EPA in preparing the report under subsection 202(a) shall include, to the extent permitted by law:

(a) using Clean Water Act tools, including strengthening existing permit programs and extending coverage where appropriate;

(b) establishing new, minimum standards of performance where appropriate, including:

(i) establishing a schedule for the implementation of key actions in cooperation with States, local governments, and others;

(ii) constructing watershed-based frameworks that assign pollution reduction responsibilities to pollution sources and maximize the reliability and cost-effectiveness of pollution reduction programs; and

(iii) implementing a compliance and enforcement strategy.

PART 4—AGRICULTURAL PRACTICES TO PROTECT THE CHESAPEAKE BAY

SEC. 401. In developing recommendations for focusing resources to protect the Chesapeake Bay in the report

required by subsection 202(b) of this order, the Secretary of Agriculture shall, as appropriate, concentrate the USDA's working lands and land retirement programs within priority watersheds in counties in the Chesapeake Bay watershed. These programs should apply priority conservation practices that most efficiently reduce nutrient and sediment loads to the Chesapeake Bay, as identified by USDA and EPA data and scientific analysis. The Secretary of Agriculture shall work with State agriculture and conservation agencies in developing the report.

PART 5—REDUCE WATER POLLUTION FROM FEDERAL LANDS AND FACILITIES

SEC. 501. Agencies with land, facilities, or installation management responsibilities affecting ten or more acres within the watershed of the Chesapeake Bay shall, as expeditiously as practicable and to the extent permitted by law, implement land management practices to protect the Chesapeake Bay and its tributary waters consistent with the report required by section 202 of this order and as described in guidance published by the EPA under section 502.

SEC. 502. The Administrator of the EPA shall, within 1 year of the date of this order and after consulting with the Committee and providing for public review and comment, publish guidance for Federal land management in the Chesapeake Bay watershed describing proven, cost-effective tools and practices that reduce water pollution, including practices that are available for use by Federal agencies.

PART 6—PROTECT CHESAPEAKE BAY AS THE CLIMATE CHANGES

SEC. 601. The Secretaries of Commerce and the Interior shall, to the extent permitted by law, organize and conduct research and scientific assessments to support development of the strategy to adapt to climate change impacts on the Chesapeake Bay watershed as required in section 202 of this order and to evaluate the impacts of climate change on the Chesapeake Bay in future years. Such research should include assessment of:

(a) the impact of sea level rise on the aquatic ecosystem of the Chesapeake Bay, including nutrient and sediment load contributions from stream banks and shorelines;

(b) the impacts of increasing temperature, acidity, and salinity levels of waters in the Chesapeake Bay;

(c) the impacts of changing rainfall levels and changes in rainfall intensity on water quality and aquatic life;

(d) potential impacts of climate change on fish, wildlife, and their habitats in the Chesapeake Bay and its watershed; and

(e) potential impacts of more severe storms on Chesapeake Bay resources.

PART 7—EXPAND PUBLIC ACCESS TO THE CHESAPEAKE BAY AND CONSERVE LANDSCAPES AND ECOSYSTEMS

SEC. 701. (a) Agencies participating in the Committee shall assist the Secretary of the Interior in development of the report addressing expanded public access to the waters of the Chesapeake Bay and conservation of landscapes and ecosystems required in subsection 202(e) of this order by providing to the Secretary:

(i) a list and description of existing sites on agency lands and facilities where public access to the Chesapeake Bay or its tributary waters is offered;

(ii) a description of options for expanding public access at these agency sites;

(iii) a description of agency sites where new opportunities for public access might be provided;

(iv) a description of safety and national security issues related to expanded public access to Department of Defense installations;

(v) a description of landscapes and ecosystems in the Chesapeake Bay watershed that merit recognition for their historical, cultural, ecological, or scientific values; and

(vi) options for conserving these landscapes and ecosystems.

(b) In developing the report addressing expanded public access on agency lands to the waters of the Chesapeake Bay and options for conserving landscapes and ecosystems in the Chesapeake Bay, as required in subsection 202(e) of this order, the Secretary of the Interior shall coordinate any recommendations with State and local agencies in the watershed and programs such as the Captain John Smith Chesapeake National Historic Trail, the Chesapeake Bay Gateways and Water-trails Network, and the Star-Spangled Banner National Historic Trail.

PART 8—MONITORING AND DECISION SUPPORT FOR ECOSYSTEM MANAGEMENT

SEC. 801. The Secretaries of Commerce and the Interior shall, to the extent permitted by law, organize and conduct their monitoring, research, and scientific assessments to support decisionmaking for the Chesapeake Bay ecosystem and to develop the report addressing strengthening environmental monitoring of the Chesapeake Bay and its watershed required in section 202 of this order. This report will assess existing monitoring programs and gaps in data collection, and shall also include the following topics:

(a) the health of fish and wildlife in the Chesapeake Bay watershed;

(b) factors affecting changes in water quality and habitat conditions; and

(c) using adaptive management to plan, monitor, evaluate, and adjust environmental management actions.

PART 9—LIVING RESOURCES PROTECTION AND RESTORATION

SEC. 901. The Secretaries of Commerce and the Interior shall, to the extent permitted by law, identify and prioritize critical living resources of the Chesapeake Bay and its watershed, conduct collaborative research and habitat protection activities that address expected outcomes for these species, and develop a report addressing these topics as required in section 202 of this order. The Secretaries of Commerce and the Interior shall coordinate agency activities related to living resources in estuarine waters to ensure maximum benefit to the Chesapeake Bay resources.

PART 10—EXCEPTIONS

SEC. 1001. The heads of agencies may authorize exceptions to this order, in the following circumstances:

(a) during time of war or national emergency;

(b) when necessary for reasons of national security;

(c) during emergencies posing an unacceptable threat to human health or safety or to the marine environment and admitting of no other feasible solution; or

(d) in any case that constitutes a danger to human life or a real threat to vessels, aircraft, platforms, or other man-made structures at sea, such as cases of *force majeure* caused by stress of weather or other act of God.

PART 11—GENERAL PROVISIONS

SEC. 1101. (a) Nothing in this order shall be construed to impair or otherwise affect:

(i) authority granted by law to a department, agency, or the head thereof; or

(ii) functions of the Director of the Office of Management and Budget relating to budgetary, administrative, or legislative proposals.

(b) This order shall be implemented consistent with applicable law and subject to the availability of appropriations.

(c) This order is not intended to, and does not, create any right or benefit, substantive or procedural, enforceable at law or in equity, by any party against the United States, its departments, agencies, or entities, its officers, employees, or agents, or any other person.

BARACK OBAMA.

§ 1268. Great Lakes**(a) Findings, purpose, and definitions****(1) Findings**

The Congress finds that—

(A) the Great Lakes are a valuable national resource, continuously serving the people of the United States and other nations as an important source of food, fresh water, recreation, beauty, and enjoyment;

(B) the United States should seek to attain the goals embodied in the Great Lakes Water Quality Agreement of 1978, as amended by the Water Quality Agreement of 1987 and any other agreements and amendments, with particular emphasis on goals related to toxic pollutants; and

(C) the Environmental Protection Agency should take the lead in the effort to meet those goals, working with other Federal agencies and State and local authorities.

(2) Purpose

It is the purpose of this section to achieve the goals embodied in the Great Lakes Water Quality Agreement of 1978, as amended by the Water Quality Agreement of 1987 and any other agreements and amendments, through improved organization and definition of mission on the part of the Agency, funding of State grants for pollution control in the Great Lakes area, and improved accountability for implementation of such agreement.

(3) Definitions

For purposes of this section, the term—

(A) “Agency” means the Environmental Protection Agency;

(B) “Great Lakes” means Lake Ontario, Lake Erie, Lake Huron (including Lake St. Clair), Lake Michigan, and Lake Superior, and the connecting channels (Saint Mary’s River, Saint Clair River, Detroit River, Niagara River, and Saint Lawrence River to the Canadian Border);

(C) “Great Lakes System” means all the streams, rivers, lakes, and other bodies of water within the drainage basin of the Great Lakes;

(D) “Program Office” means the Great Lakes National Program Office established by this section;

(E) “Research Office” means the Great Lakes Research Office established by subsection (d) of this section;

(F) “area of concern” means a geographic area located within the Great Lakes, in which beneficial uses are impaired and which has been officially designated as such under Annex 2 of the Great Lakes Water Quality Agreement;

(G) “Great Lakes States” means the States of Illinois, Indiana, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin;

(H) “Great Lakes Water Quality Agreement” means the bilateral agreement, between the United States and Canada which was signed in 1978 and amended by the Protocol of 1987;

(I) “Lakewide Management Plan” means a written document which embodies a system-

atic and comprehensive ecosystem approach to restoring and protecting the beneficial uses of the open waters of each of the Great Lakes, in accordance with article VI and Annex 2 of the Great Lakes Water Quality Agreement;

(J) “Remedial Action Plan” means a written document which embodies a systematic and comprehensive ecosystem approach to restoring and protecting the beneficial uses of areas of concern, in accordance with article VI and Annex 2 of the Great Lakes Water Quality Agreement;

(K) “site characterization” means a process for monitoring and evaluating the nature and extent of sediment contamination in accordance with the Environmental Protection Agency’s guidance for the assessment of contaminated sediment in an area of concern located wholly or partially within the United States; and

(L) “potentially responsible party” means an individual or entity that may be liable under any Federal or State authority that is being used or may be used to facilitate the cleanup and protection of the Great Lakes.

(b) Great Lakes National Program Office

The Great Lakes National Program Office (previously established by the Administrator) is hereby established within the Agency. The Program Office shall be headed by a Director who, by reason of management experience and technical expertise relating to the Great Lakes, is highly qualified to direct the development of programs and plans on a variety of Great Lakes issues. The Great Lakes National Program Office shall be located in a Great Lakes State.

(c) Great Lakes management**(1) Functions**

The Program Office shall—

(A) in cooperation with appropriate Federal, State, tribal, and international agencies, and in accordance with section 1251(e) of this title, develop and implement specific action plans to carry out the responsibilities of the United States under the Great Lakes Water Quality Agreement of 1978, as amended by the Water Quality Agreement of 1987 and any other agreements and amendments;¹

(B) establish a Great Lakes system-wide surveillance network to monitor the water quality of the Great Lakes, with specific emphasis on the monitoring of toxic pollutants;

(C) serve as the liaison with, and provide information to, the Canadian members of the International Joint Commission and the Canadian counterpart to the Agency;

(D) coordinate actions of the Agency (including actions by headquarters and regional offices thereof) aimed at improving Great Lakes water quality; and

(E) coordinate actions of the Agency with the actions of other Federal agencies and State and local authorities, so as to ensure the input of those agencies and authorities in developing water quality strategies and

¹ So in original.

obtain the support of those agencies and authorities in achieving the objectives of such agreement.

(2) Great Lakes water quality guidance

(A) By June 30, 1991, the Administrator, after consultation with the Program Office, shall publish in the Federal Register for public notice and comment proposed water quality guidance for the Great Lakes System. Such guidance shall conform with the objectives and provisions of the Great Lakes Water Quality Agreement, shall be no less restrictive than the provisions of this chapter and national water quality criteria and guidance, shall specify numerical limits on pollutants in ambient Great Lakes waters to protect human health, aquatic life, and wildlife, and shall provide guidance to the Great Lakes States on minimum water quality standards, anti-degradation policies, and implementation procedures for the Great Lakes System.

(B) By June 30, 1992, the Administrator, in consultation with the Program Office, shall publish in the Federal Register, pursuant to this section and the Administrator's authority under this chapter, final water quality guidance for the Great Lakes System.

(C) Within two years after such Great Lakes guidance is published, the Great Lakes States shall adopt water quality standards, anti-degradation policies, and implementation procedures for waters within the Great Lakes System which are consistent with such guidance. If a Great Lakes State fails to adopt such standards, policies, and procedures, the Administrator shall promulgate them not later than the end of such two-year period. When reviewing any Great Lakes State's water quality plan, the agency shall consider the extent to which the State has complied with the Great Lakes guidance issued pursuant to this section.

(3) Remedial Action Plans

(A) For each area of concern for which the United States has agreed to draft a Remedial Action Plan, the Program Office shall ensure that the Great Lakes State in which such area of concern is located—

(i) submits a Remedial Action Plan to the Program Office by June 30, 1991;

(ii) submits such Remedial Action Plan to the International Joint Commission by January 1, 1992; and

(iii) includes such Remedial Action Plans within the State's water quality plan by January 1, 1993.

(B) For each area of concern for which Canada has agreed to draft a Remedial Action Plan, the Program Office shall, pursuant to subparagraph (c)(1)(C) of this section, work with Canada to assure the submission of such Remedial Action Plans to the International Joint Commission by June 30, 1991, and to finalize such Remedial Action Plans by January 1, 1993.

(C) For any area of concern designated as such subsequent to November 16, 1990, the Program Office shall (i) if the United States has agreed to draft the Remedial Action Plan, en-

sure that the Great Lakes State in which such area of concern is located submits such Plan to the Program Office within two years of the area's designation, submits it to the International Joint Commission no later than six months after submitting it to the Program Office, and includes such Plan in the State's water quality plan no later than one year after submitting it to the Commission; and (ii) if Canada has agreed to draft the Remedial Action Plan, work with Canada, pursuant to subparagraph (c)(1)(C) of this section, to ensure the submission of such Plan to the International Joint Commission within two years of the area's designation and the finalization of such Plan no later than eighteen months after submitting it to such Commission.

(D) The Program Office shall compile formal comments on individual Remedial Action Plans made by the International Joint Commission pursuant to section 4(d) of Annex 2 of the Great Lakes Water Quality Agreement and, upon request by a member of the public, shall make such comments available for inspection and copying. The Program Office shall also make available, upon request, formal comments made by the Environmental Protection Agency on individual Remedial Action Plans.

(E) REPORT.—Not later than 1 year after November 27, 2002, the Administrator shall submit to Congress a report on such actions, time periods, and resources as are necessary to fulfill the duties of the Agency relating to oversight of Remedial Action Plans under—

(i) this paragraph; and

(ii) the Great Lakes Water Quality Agreement.

(4) Lakewide Management Plans

The Administrator, in consultation with the Program Office shall—

(A) by January 1, 1992, publish in the Federal Register a proposed Lakewide Management Plan for Lake Michigan and solicit public comments;

(B) by January 1, 1993, submit a proposed Lakewide Management Plan for Lake Michigan to the International Joint Commission for review; and

(C) by January 1, 1994, publish in the Federal Register a final Lakewide Management Plan for Lake Michigan and begin implementation.

Nothing in this subparagraph shall preclude the simultaneous development of Lakewide Management Plans for the other Great Lakes.

(5) Spills of oil and hazardous materials

The Program Office, in consultation with the Coast Guard, shall identify areas within the Great Lakes which are likely to experience numerous or voluminous spills of oil or other hazardous materials from land based facilities, vessels, or other sources and, in consultation with the Great Lakes States, shall identify weaknesses in Federal and State programs and systems to prevent and respond to such spills. This information shall be included on at least a biennial basis in the report required by this section.

(6) 5-year plan and program

The Program Office shall develop, in consultation with the States, a five-year plan and program for reducing the amount of nutrients introduced into the Great Lakes. Such program shall incorporate any management program for reducing nutrient runoff from nonpoint sources established under section 1329 of this title and shall include a program for monitoring nutrient runoff into, and ambient levels in, the Great Lakes.

(7) 5-year study and demonstration projects

(A) The Program Office shall carry out a five-year study and demonstration projects relating to the control and removal of toxic pollutants in the Great Lakes, with emphasis on the removal of toxic pollutants from bottom sediments. In selecting locations for conducting demonstration projects under this paragraph, priority consideration shall be given to projects at the following locations: Saginaw Bay, Michigan; Sheboygan Harbor, Wisconsin; Grand Calumet River, Indiana; Ashtabula River, Ohio; and Buffalo River, New York.

(B) The Program Office shall—

(i) by December 31, 1990, complete chemical, physical, and biological assessments of the contaminated sediments at the locations selected for the study and demonstration projects;

(ii) by December 31, 1990, announce the technologies that will be demonstrated at each location and the numerical standard of protection intended to be achieved at each location;

(iii) by December 31, 1992, complete full or pilot scale demonstration projects on site at each location of promising technologies to remedy contaminated sediments; and

(iv) by December 31, 1993, issue a final report to Congress on its findings.

(C) The Administrator, after providing for public review and comment, shall publish information concerning the public health and environmental consequences of contaminants in Great Lakes sediment. Information published pursuant to this subparagraph shall include specific numerical limits to protect health, aquatic life, and wildlife from the bioaccumulation of toxins. The Administrator shall, at a minimum, publish information pursuant to this subparagraph within 2 years of November 16, 1990.

(8) Administrator's responsibility

The Administrator shall ensure that the Program Office enters into agreements with the various organizational elements of the Agency involved in Great Lakes activities and the appropriate State agencies specifically delineating—

(A) the duties and responsibilities of each such element in the Agency with respect to the Great Lakes;

(B) the time periods for carrying out such duties and responsibilities; and

(C) the resources to be committed to such duties and responsibilities.

(9) Budget item

The Administrator shall, in the Agency's annual budget submission to Congress, include a

funding request for the Program Office as a separate budget line item.

(10) Comprehensive report

Within 90 days after the end of each fiscal year, the Administrator shall submit to Congress a comprehensive report which—

(A) describes the achievements in the preceding fiscal year in implementing the Great Lakes Water Quality Agreement of 1978, as amended by the Water Quality Agreement of 1987 and any other agreements and amendments, and shows by categories (including judicial enforcement, research, State cooperative efforts, and general administration) the amounts expended on Great Lakes water quality initiatives in such preceding fiscal year;

(B) describes the progress made in such preceding fiscal year in implementing the system of surveillance of the water quality in the Great Lakes System, including the monitoring of groundwater and sediment, with particular reference to toxic pollutants;

(C) describes the long-term prospects for improving the condition of the Great Lakes; and

(D) provides a comprehensive assessment of the planned efforts to be pursued in the succeeding fiscal year for implementing the Great Lakes Water Quality Agreement of 1978, as amended by the Water Quality Agreement of 1987 and any other agreements and amendments,¹ which assessment shall—

(i) show by categories (including judicial enforcement, research, State cooperative efforts, and general administration) the amount anticipated to be expended on Great Lakes water quality initiatives in the fiscal year to which the assessment relates; and

(ii) include a report of current programs administered by other Federal agencies which make available resources to the Great Lakes water quality management efforts.

(11) Confined disposal facilities

(A) The Administrator, in consultation with the Assistant Secretary of the Army for Civil Works, shall develop and implement, within one year of November 16, 1990, management plans for every Great Lakes confined disposal facility.

(B) The plan shall provide for monitoring of such facilities, including—

(i) water quality at the site and in the area of the site;

(ii) sediment quality at the site and in the area of the site;

(iii) the diversity, productivity, and stability of aquatic organisms at the site and in the area of the site; and

(iv) such other conditions as the Administrator deems appropriate.

(C) The plan shall identify the anticipated use and management of the site over the following twenty-year period including the expected termination of dumping at the site, the anticipated need for site management, includ-

ing pollution control, following the termination of the use of the site.

(D) The plan shall identify a schedule for review and revision of the plan which shall not be less frequent than five years after adoption of the plan and every five years thereafter.

(12) Remediation of sediment contamination in areas of concern

(A) In general

In accordance with this paragraph, the Administrator, acting through the Program Office, may carry out projects that meet the requirements of subparagraph (B).

(B) Eligible projects

A project meets the requirements of this subparagraph if the project is to be carried out in an area of concern located wholly or partially in the United States and the project—

- (i) monitors or evaluates contaminated sediment;
- (ii) subject to subparagraph (D), implements a plan to remediate contaminated sediment, including activities to restore aquatic habitat that are carried out in conjunction with a project for the remediation of contaminated sediment; or
- (iii) prevents further or renewed contamination of sediment.

(C) Priority

In selecting projects to carry out under this paragraph, the Administrator shall give priority to a project that—

- (i) constitutes remedial action for contaminated sediment;
- (ii) (I) has been identified in a Remedial Action Plan submitted under paragraph (3); and
(II) is ready to be implemented;
- (iii) will use an innovative approach, technology, or technique that may provide greater environmental benefits, or equivalent environmental benefits at a reduced cost; or
- (iv) includes remediation to be commenced not later than 1 year after the date of receipt of funds for the project.

(D) Limitations

The Administrator may not carry out a project under this paragraph for remediation of contaminated sediments located in an area of concern—

- (i) if an evaluation of remedial alternatives for the area of concern has not been conducted, including a review of the short-term and long-term effects of the alternatives on human health and the environment;
- (ii) if the Administrator determines that the area of concern is likely to suffer significant further or renewed contamination from existing sources of pollutants causing sediment contamination following completion of the project;
- (iii) unless each non-Federal sponsor for the project has entered into a written project agreement with the Administrator under which the party agrees to carry out

its responsibilities and requirements for the project; or

(iv) unless the Administrator provides assurance that the Agency has conducted a reasonable inquiry to identify potentially responsible parties connected with the site.

(E) Non-Federal share

(i) In general

The non-Federal share of the cost of a project carried out under this paragraph shall be at least 35 percent.

(ii) In-kind contributions

(I) In general

The non-Federal share of the cost of a project carried out under this paragraph may include the value of an in-kind contribution provided by a non-Federal sponsor.

(II) Credit

A project agreement described in subparagraph (D)(iii) may provide, with respect to a project, that the Administrator shall credit toward the non-Federal share of the cost of the project the value of an in-kind contribution made by the non-Federal sponsor, if the Administrator determines that the material or service provided as the in-kind contribution is integral to the project.

(III) Work performed before project agreement

In any case in which a non-Federal sponsor is to receive credit under subclause (II) for the cost of work carried out by the non-Federal sponsor and such work has not been carried out by the non-Federal sponsor as of October 8, 2008, the Administrator and the non-Federal sponsor shall enter into an agreement under which the non-Federal sponsor shall carry out such work, and only work carried out following the execution of the agreement shall be eligible for credit.

(IV) Limitation

Credit authorized under this clause for a project carried out under this paragraph—

- (aa) shall not exceed the non-Federal share of the cost of the project; and
- (bb) shall not exceed the actual and reasonable costs of the materials and services provided by the non-Federal sponsor, as determined by the Administrator.

(V) Inclusion of certain contributions

In this subparagraph, the term “in-kind contribution” may include the costs of planning (including data collection), design, construction, and materials that are provided by the non-Federal sponsor for implementation of a project under this paragraph.

(iii) Treatment of credit between projects

Any credit provided under this subparagraph towards the non-Federal share of the

cost of a project carried out under this paragraph may be applied towards the non-Federal share of the cost of any other project carried out under this paragraph by the same non-Federal sponsor for a site within the same area of concern.

(iv) Non-Federal share

The non-Federal share of the cost of a project carried out under this paragraph—

(I) may include monies paid pursuant to, or the value of any in-kind contribution performed under, an administrative order on consent or judicial consent decree; but

(II) may not include any funds paid pursuant to, or the value of any in-kind contribution performed under, a unilateral administrative order or court order.

(v) Operation and maintenance

The non-Federal share of the cost of the operation and maintenance of a project carried out under this paragraph shall be 100 percent.

(F) Site characterization

(i) In general

The Administrator, in consultation with any affected State or unit of local government, shall carry out at Federal expense the site characterization of a project under this paragraph for the remediation of contaminated sediment.

(ii) Limitation

For purposes of clause (i), the Administrator may carry out one site assessment per discrete site within a project at Federal expense.

(G) Coordination

In carrying out projects under this paragraph, the Administrator shall coordinate with the Secretary of the Army, and with the Governors of States in which the projects are located, to ensure that Federal and State assistance for remediation in areas of concern is used as efficiently as practicable.

(H) Authorization of appropriations

(i) In general

In addition to other amounts authorized under this section, there is authorized to be appropriated to carry out this paragraph \$50,000,000 for each of fiscal years 2004 through 2010.

(ii) Availability

Funds made available under clause (i) shall remain available until expended.

(iii) Allocation of funds

Not more than 20 percent of the funds appropriated pursuant to clause (i) for a fiscal year may be used to carry out subparagraph (F).

(13) Public information program

(A) In general

The Administrator, acting through the Program Office and in coordination with

States, Indian tribes, local governments, and other entities, may carry out a public information program to provide information relating to the remediation of contaminated sediment to the public in areas of concern that are located wholly or partially in the United States.

(B) Authorization of appropriations

There is authorized to be appropriated to carry out this paragraph \$1,000,000 for each of fiscal years 2004 through 2010.

(d) Great Lakes research

(1) Establishment of Research Office

There is established within the National Oceanic and Atmospheric Administration the Great Lakes Research Office.

(2) Identification of issues

The Research Office shall identify issues relating to the Great Lakes resources on which research is needed. The Research Office shall submit a report to Congress on such issues before the end of each fiscal year which shall identify any changes in the Great Lakes system² with respect to such issues.

(3) Inventory

The Research Office shall identify and inventory Federal, State, university, and tribal environmental research programs (and, to the extent feasible, those of private organizations and other nations) relating to the Great Lakes system,² and shall update that inventory every four years.

(4) Research exchange

The Research Office shall establish a Great Lakes research exchange for the purpose of facilitating the rapid identification, acquisition, retrieval, dissemination, and use of information concerning research projects which are ongoing or completed and which affect the Great Lakes System.

(5) Research program

The Research Office shall develop, in cooperation with the Coordination Office, a comprehensive environmental research program and data base for the Great Lakes system.² The data base shall include, but not be limited to, data relating to water quality, fisheries, and biota.

(6) Monitoring

The Research Office shall conduct, through the Great Lakes Environmental Research Laboratory, the National Sea Grant College program, other Federal laboratories, and the private sector, appropriate research and monitoring activities which address priority issues and current needs relating to the Great Lakes.

(7) Location

The Research Office shall be located in a Great Lakes State.

(e) Research and management coordination

(1) Joint plan

Before October 1 of each year, the Program Office and the Research Office shall prepare a

² So in original. Probably should be capitalized.

joint research plan for the fiscal year which begins in the following calendar year.

(2) Contents of plan

Each plan prepared under paragraph (1) shall—

(A) identify all proposed research dedicated to activities conducted under the Great Lakes Water Quality Agreement of 1978, as amended by the Water Quality Agreement of 1987 and any other agreements and amendments;³

(B) include the Agency's assessment of priorities for research needed to fulfill the terms of such Agreement; and

(C) identify all proposed research that may be used to develop a comprehensive environmental data base for the Great Lakes System and establish priorities for development of such data base.

(3) Health research report

(A) Not later than September 30, 1994, the Program Office, in consultation with the Research Office, the Agency for Toxic Substances and Disease Registry, and Great Lakes States shall submit to the Congress a report assessing the adverse effects of water pollutants in the Great Lakes System on the health of persons in Great Lakes States and the health of fish, shellfish, and wildlife in the Great Lakes System. In conducting research in support of this report, the Administrator may, where appropriate, provide for research to be conducted under cooperative agreements with Great Lakes States.

(B) There is authorized to be appropriated to the Administrator to carry out this section not to exceed \$3,000,000 for each of fiscal years 1992, 1993, and 1994.

(f) Interagency cooperation

The head of each department, agency, or other instrumentality of the Federal Government which is engaged in, is concerned with, or has authority over programs relating to research, monitoring, and planning to maintain, enhance, preserve, or rehabilitate the environmental quality and natural resources of the Great Lakes, including the Chief of Engineers of the Army, the Chief of the Soil Conservation Service, the Commandant of the Coast Guard, the Director of the Fish and Wildlife Service, and the Administrator of the National Oceanic and Atmospheric Administration, shall submit an annual report to the Administrator with respect to the activities of that agency or office affecting compliance with the Great Lakes Water Quality Agreement of 1978, as amended by the Water Quality Agreement of 1987 and any other agreements and amendments.³

(g) Relationship to existing Federal and State laws and international treaties

Nothing in this section shall be construed—

(1) to affect the jurisdiction, powers, or prerogatives of any department, agency, or officer of the Federal Government or of any State government, or of any tribe, nor any powers, jurisdiction, or prerogatives of any inter-

national body created by treaty with authority relating to the Great Lakes; or

(2) to affect any other Federal or State authority that is being used or may be used to facilitate the cleanup and protection of the Great Lakes.

(h) Authorizations of Great Lakes appropriations

There are authorized to be appropriated to the Administrator to carry out this section not to exceed—

(1) \$11,000,000 per fiscal year for the fiscal years 1987, 1988, 1989, and 1990, and \$25,000,000 for fiscal year 1991;

(2) such sums as are necessary for each of fiscal years 1992 through 2003; and

(3) \$25,000,000 for each of fiscal years 2004 through 2008.

(June 30, 1948, ch. 758, title I, § 118, as added Pub. L. 100-4, title I, § 104, Feb. 4, 1987, 101 Stat. 11; amended Pub. L. 100-688, title I, § 1008, Nov. 18, 1988, 102 Stat. 4151; Pub. L. 101-596, title I, §§ 101-106, Nov. 16, 1990, 104 Stat. 3000-3004; Pub. L. 107-303, title I, §§ 102-105, Nov. 27, 2002, 116 Stat. 2355-2358; Pub. L. 110-365, §§ 2, 3, Oct. 8, 2008, 122 Stat. 4021.)

CODIFICATION

November 16, 1990, referred to in subsec. (c)(3)(C), (7)(C), was in the original "the enactment of this Act", and "the date of the enactment of this title" which were translated as meaning the date of enactment of Pub. L. 101-596, title I of which enacted subsec. (c)(3), (7)(C), to reflect the probable intent of Congress.

AMENDMENTS

2008—Subsec. (a)(3)(K), (L). Pub. L. 110-365, § 2, added subpars. (K) and (L).

Subsec. (c)(12)(B)(ii). Pub. L. 110-365, § 3(a), substituted "sediment, including activities to restore aquatic habitat that are carried out in conjunction with a project for the remediation of contaminated sediment" for "sediment".

Subsec. (c)(12)(D). Pub. L. 110-365, § 3(b)(1), substituted "Limitations" for "Limitation" in heading.

Subsec. (c)(12)(D)(iii), (iv). Pub. L. 110-365, § 3(b)(2)-(4), added cls. (iii) and (iv).

Subsec. (c)(12)(E)(ii). Pub. L. 110-365, § 3(c), amended cl. (ii) generally. Prior to amendment, text read as follows: "The non-Federal share of the cost of a project carried out under this paragraph may include the value of in-kind services contributed by a non-Federal sponsor."

Subsec. (c)(12)(E)(iii). Pub. L. 110-365, § 3(d)(2), added cl. (iii). Former cl. (iii) redesignated (iv).

Subsec. (c)(12)(E)(iv). Pub. L. 110-365, § 3(d)(1), (3), redesignated cl. (iii) as (iv) and substituted "contribution" for "service" in two places. Former cl. (iv) redesignated (v).

Subsec. (c)(12)(E)(v). Pub. L. 110-365, § 3(d)(1), redesignated cl. (iv) as (v).

Subsec. (c)(12)(F). Pub. L. 110-365, § 3(e), amended subpar. (F) generally. Prior to amendment, text read as follows: "The Administrator may not carry out a project under this paragraph unless the non-Federal sponsor enters into such agreements with the Administrator as the Administrator may require to ensure that the non-Federal sponsor will maintain its aggregate expenditures from all other sources for remediation programs in the area of concern in which the project is located at or above the average level of such expenditures in the 2 fiscal years preceding the date on which the project is initiated."

Subsec. (c)(12)(H)(i). Pub. L. 110-365, § 3(f)(1), added cl. (i) and struck out former cl. (i). Prior to amendment, text read as follows: "In addition to other amounts au-

³ So in original.

thorized under this section, there is authorized to be appropriated to carry out this paragraph \$50,000,000 for each of fiscal years 2004 through 2008.”

Subsec. (c)(12)(H)(iii). Pub. L. 110-365, §3(f)(2), added cl. (iii).

Subsec. (c)(13)(B). Pub. L. 110-365, §3(g), substituted “2010” for “2008”.

2002—Subsec. (c)(3)(E). Pub. L. 107-303, §102, added subpar. (E).

Subsec. (c)(12), (13). Pub. L. 107-303, §103, added pars. (12) and (13).

Subsec. (g). Pub. L. 107-303, §104, substituted “construed—” for “construed to affect”, inserted “(1) to affect” before “the jurisdiction”, substituted “Lakes; or” for “Lakes.”, and added par. (2).

Subsec. (h). Pub. L. 107-303, §105, substituted “not to exceed—” for “not to exceed \$11,000,000”, inserted “(1) \$11,000,000” before “per fiscal year for”, substituted “1991;” for “1991.”, added pars. (2) and (3), and struck out former last sentence which read as follows: “Of the amounts appropriated each fiscal year—

“(1) 40 percent shall be used by the Great Lakes National Program Office on demonstration projects on the feasibility of controlling and removing toxic pollutants;

“(2) 7 percent shall be used by the Great Lakes National Program Office for the program of nutrient monitoring; and

“(3) 30 percent or \$3,300,000, whichever is the lesser, shall be transferred to the National Oceanic and Atmospheric Administration for use by the Great Lakes Research Office.”

1990—Subsec. (a)(3)(F) to (J). Pub. L. 101-596, §103, added subpars. (F) to (J).

Subsec. (c)(2) to (11). Pub. L. 101-596, §§101, 102, 104, added pars. (2) to (5) after par. (1) and renumbered existing paragraphs accordingly, which was executed by renumbering pars. (2) to (6) as (6) to (10), respectively, redesignated existing provisions of par. (7) as subpar. (A) and added subpars. (B) and (C), and added par. (11).

Subsec. (e)(3). Pub. L. 101-596, §106, added par. (3).

Subsec. (h). Pub. L. 101-596, §105, substituted “and 1990, and \$25,000,000 for fiscal year 1991” for “1990, and 1991” in introductory provisions and inserted “or \$3,300,000, whichever is the lesser,” after “30 percent” in par. (3).

1988—Subsecs. (a)(1)(B), (2), (c)(1)(A), (6)(A), (D), (e)(2)(A), (f). Pub. L. 100-688 inserted “, as amended by the Water Quality Agreement of 1987 and any other agreements and amendments,” after “the Great Lakes Water Quality Agreement of 1978”.

TRANSFER OF FUNCTIONS

For transfer of authorities, functions, personnel, and assets of the Coast Guard, including the authorities and functions of the Secretary of Transportation relating thereto, to the Department of Homeland Security, and for treatment of related references, see sections 468(b), 551(d), 552(d), and 557 of Title 6, Domestic Security, and the Department of Homeland Security Reorganization Plan of November 25, 2002, as modified, set out as a note under section 542 of Title 6.

FUNDS CONTRIBUTED BY A NON-FEDERAL SPONSOR

Pub. L. 108-447, div. I, title III, Dec. 8, 2004, 118 Stat. 3332, provided in part that: “The Administrator [of the Environmental Protection Agency] may hereafter receive and use funds contributed by a non-Federal sponsor as its share of the cost of a project to carry out a project under paragraph (c)(12) of section 118 of the Federal Water Pollution Control Act [33 U.S.C. 1268(c)(12)], as amended.”

GREAT LAKES REMEDIAL ACTION PLANS AND SEDIMENT REMEDIATION

Pub. L. 101-640, title IV, §401, Nov. 28, 1990, 104 Stat. 4644, as amended by Pub. L. 104-303, title V, §515, Oct. 12, 1996, 110 Stat. 3763; Pub. L. 106-53, title V, §505, Aug. 17, 1999, 113 Stat. 338; Pub. L. 106-541, title III, §344, Dec.

11, 2000, 114 Stat. 2613; Pub. L. 110-114, title V, §5012, Nov. 8, 2007, 121 Stat. 1195, provided that:

“(a) GREAT LAKES REMEDIAL ACTION PLANS.—

“(1) IN GENERAL.—The Secretary may provide technical, planning, and engineering assistance to State and local governments and nongovernmental entities designated by a State or local government in the development and implementation of remedial action plans for Areas of Concern in the Great Lakes identified under the Great Lakes Water Quality Agreement of 1978.

“(2) NON-FEDERAL SHARE.—

“(A) IN GENERAL.—Non-Federal interests shall contribute, in cash or by providing in-kind contributions, 35 percent of costs of activities for which assistance is provided under paragraph (1).

“(B) CONTRIBUTIONS BY ENTITIES.—Nonprofit public or private entities may contribute all or a portion of the non-Federal share.

“(b) SEDIMENT REMEDIATION PROJECTS.—

“(1) IN GENERAL.—The Secretary, in consultation with the Administrator of the Environmental Protection Agency (acting through the Great Lakes National Program Office), may conduct pilot- and full-scale projects of promising technologies to remediate contaminated sediments in freshwater coastal regions in the Great Lakes basin. The Secretary shall conduct not fewer than 3 full-scale projects under this subsection.

“(2) SITE SELECTION FOR PROJECTS.—In selecting the sites for the technology projects, the Secretary shall give priority consideration to Saginaw Bay, Michigan, Sheboygan Harbor, Wisconsin, Grand Calumet River, Indiana, Ashtabula River, Ohio, Buffalo River, New York, and Duluth-Superior Harbor, Minnesota and Wisconsin.

“(3) NON-FEDERAL SHARE.—Non-Federal interests shall contribute 35 percent of costs of projects under this subsection. Such costs may be paid in cash or by providing in-kind contributions.

“(c) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to the Secretary to carry out this section \$10,000,000 for each of fiscal years 2001 through 2012.”

EX. ORD. NO. 13340. ESTABLISHMENT OF GREAT LAKES INTERAGENCY TASK FORCE AND PROMOTION OF A REGIONAL COLLABORATION OF NATIONAL SIGNIFICANCE FOR THE GREAT LAKES

Ex. Ord. No. 13340, May 18, 2004, 69 F.R. 29043, provided:

By the authority vested in me as President by the Constitution and the laws of the United States of America, and to help establish a regional collaboration of national significance for the Great Lakes, it is hereby ordered as follows:

SECTION 1. *Policy.* The Great Lakes are a national treasure constituting the largest freshwater system in the world. The United States and Canada have made great progress addressing past and current environmental impacts to the Great Lakes ecology. The Federal Government is committed to making progress on the many significant challenges that remain. Along with numerous State, tribal, and local programs, over 140 Federal programs help fund and implement environmental restoration and management activities throughout the Great Lakes system. A number of inter-governmental bodies are providing leadership in the region to address environmental and resource management issues in the Great Lakes system. These activities would benefit substantially from more systematic collaboration and better integration of effort. It is the policy of the Federal Government to support local and regional efforts to address environmental challenges and to encourage local citizen and community stewardship. To this end, the Federal Government will partner with the Great Lakes States, tribal and local governments, communities, and other interests to establish a regional collaboration to address nationally significant environmental and natural resource issues involving

the Great Lakes. It is the further policy of the Federal Government that its executive departments and agencies will ensure that their programs are funding effective, coordinated, and environmentally sound activities in the Great Lakes system.

SEC. 2. *Definitions.* For purposes of this order:

(a) "Great Lakes" means Lake Ontario, Lake Erie, Lake Huron (including Lake Saint Clair), Lake Michigan, and Lake Superior, and the connecting channels (Saint Marys River, Saint Clair River, Detroit River, Niagara River, and Saint Lawrence River to the Canadian Border).

(b) "Great Lakes system" means all the streams, rivers, lakes, and other bodies of water within the drainage basin of the Great Lakes.

SEC. 3. *Great Lakes Interagency Task Force.*

(a) Task Force Purpose. To further the policy described in section 1 of this order, there is established, within the Environmental Protection Agency for administrative purposes, the "Great Lakes Interagency Task Force" (Task Force) to:

(i) Help convene and establish a process for collaboration among the members of the Task Force and the members of the Working Group that is established in paragraph b(ii) of this section, with the Great Lakes States, local communities, tribes, regional bodies, and other interests in the Great Lakes region regarding policies, strategies, plans, programs, projects, activities, and priorities for the Great Lakes system.

(ii) Collaborate with Canada and its provinces and with bi-national bodies involved in the Great Lakes region regarding policies, strategies, projects, and priorities for the Great Lakes system.

(iii) Coordinate the development of consistent Federal policies, strategies, projects, and priorities for addressing the restoration and protection of the Great Lakes system and assisting in the appropriate management of the Great Lakes system.

(iv) Develop outcome-based goals for the Great Lakes system relying upon, among other things, existing data and science-based indicators of water quality and related environmental factors. These goals shall focus on outcomes such as cleaner water, sustainable fisheries, and biodiversity of the Great Lakes system and ensure that Federal policies, strategies, projects, and priorities support measurable results.

(v) Exchange information regarding policies, strategies, projects, and activities of the agencies represented on the Task Force related to the Great Lakes system.

(vi) Work to coordinate government action associated with the Great Lakes system.

(vii) Ensure coordinated Federal scientific and other research associated with the Great Lakes system.

(viii) Ensure coordinated government development and implementation of the Great Lakes portion of the Global Earth Observation System of Systems.

(ix) Provide assistance and support to agencies represented on the Task Force in their activities related to the Great Lakes system.

(x) Submit a report to the President by May 31, 2005, and thereafter as appropriate, that summarizes the activities of the Task Force and provides any recommendations that would, in the judgment of the Task Force, advance the policy set forth in section 1 of this order.

(b) Membership and Operation.

(i) The Task Force shall consist exclusively of the following officers of the United States: the Administrator of the Environmental Protection Agency (who shall chair the Task Force), the Secretary of State, the Secretary of the Interior, the Secretary of Agriculture, the Secretary of Commerce, the Secretary of Housing and Urban Development, the Secretary of Transportation, the Secretary of Homeland Security, the Secretary of the Army, and the Chairman of the Council on Environmental Quality. A member of the Task Force may designate, to perform the Task

Force functions of the member, any person who is part of the member's department, agency, or office and who is either an officer of the United States appointed by the President or a full-time employee serving in a position with pay equal to or greater than the minimum rate payable for GS-15 of the General Schedule. The Task Force shall report to the President through the Chairman of the Council on Environmental Quality.

(ii) The Task Force shall establish a "Great Lakes Regional Working Group" (Working Group) composed of the appropriate regional administrator or director with programmatic responsibility for the Great Lakes system for each agency represented on the Task Force including: the Great Lakes National Program Office of the Environmental Protection Agency; the United States Fish and Wildlife Service, National Park Service, and United States Geological Survey within the Department of the Interior; the Natural Resources Conservation Service and the Forest Service of the Department of Agriculture; the National Oceanic and Atmospheric Administration of the Department of Commerce; the Department of Housing and Urban Development; the Department of Transportation; the Coast Guard within the Department of Homeland Security; and the Army Corps of Engineers within the Department of the Army. The Working Group will coordinate and make recommendations on how to implement the policies, strategies, projects, and priorities of the Task Force.

(c) Management Principles for Regional Collaboration of National Significance. To further the policy described in section 1, the Task Force shall recognize and apply key principles and foster conditions to ensure successful collaboration. To that end, the Environmental Protection Agency will coordinate the development of a set of principles of successful collaboration.

SEC. 4. *Great Lakes National Program Office.* The Great Lakes National Program Office of the Environmental Protection Agency shall assist the Task Force and the Working Group in the performance of their functions. The Great Lakes National Program Manager shall serve as chair of the Working Group.

SEC. 5. *Preservation of Authority.* Nothing in this order shall be construed to impair or otherwise affect the functions of the Director of the Office of Management and Budget relating to budget, administrative, regulatory, and legislative proposals. Nothing in this order shall be construed to affect the statutory authority or obligations of any Federal agency or any bi-national agreement with Canada.

SEC. 6. *Judicial Review.* This order is intended only to improve the internal management of the Federal Government and is not intended to, and does not, create any right, benefit, or trust responsibility, substantive or procedural, enforceable at law or in equity by a party against the United States, its departments, agencies, instrumentalities or entities, its officers or employees, or any other person.

GEORGE W. BUSH.

§ 1269. Long Island Sound

(a) Office of Management Conference of the Long Island Sound Study

The Administrator shall continue the Management Conference of the Long Island Sound Study (hereinafter referred to as the "Conference") as established pursuant to section 1330 of this title, and shall establish an office (hereinafter referred to as the "Office") to be located on or near Long Island Sound.

(b) Administration and staffing of Office

The Office shall be headed by a Director, who shall be detailed by the Administrator, following consultation with the Administrators of EPA regions I and II, from among the employees

of the Agency who are in civil service. The Administrator shall delegate to the Director such authority and detail such additional staff as may be necessary to carry out the duties of the Director under this section.

(c) Duties of Office

The Office shall assist the Management Conference of the Long Island Sound Study in carrying out its goals. Specifically, the Office shall—

(1) assist and support the implementation of the Comprehensive Conservation and Management Plan for Long Island Sound developed pursuant to section 1330 of this title, including efforts to establish, within the process for granting watershed general permits, a system for promoting innovative methodologies and technologies that are cost-effective and consistent with the goals of the Plan;

(2) conduct or commission studies deemed necessary for strengthened implementation of the Comprehensive Conservation and Management Plan including, but not limited to—

(A) population growth and the adequacy of wastewater treatment facilities,

(B) the use of biological methods for nutrient removal in sewage treatment plants,

(C) contaminated sediments, and dredging activities,

(D) nonpoint source pollution abatement and land use activities in the Long Island Sound watershed,

(E) wetland protection and restoration,

(F) atmospheric deposition of acidic and other pollutants into Long Island Sound,

(G) water quality requirements to sustain fish, shellfish, and wildlife populations, and the use of indicator species to assess environmental quality,

(H) State water quality programs, for their adequacy pursuant to implementation of the Comprehensive Conservation and Management Plan, and

(I) options for long-term financing of wastewater treatment projects and water pollution control programs.

(3) coordinate the grant, research and planning programs authorized under this section;

(4) coordinate activities and implementation responsibilities with other Federal agencies which have jurisdiction over Long Island Sound and with national and regional marine monitoring and research programs established pursuant to the Marine Protection, Research, and Sanctuaries Act [16 U.S.C. 1431 et seq., 1447 et seq.; 33 U.S.C. 1401 et seq., 2801 et seq.];

(5) provide administrative and technical support to the conference;

(6) collect and make available to the public publications, and other forms of information the conference determines to be appropriate, relating to the environmental quality of Long Island Sound;

(7) not more than two years after the date of the issuance of the final Comprehensive Conservation and Management Plan for Long Island Sound under section 1330 of this title, and biennially thereafter, issue a report to the Congress which—

(A) summarizes the progress made by the States in implementing the Comprehensive Conservation and Management Plan;

(B) summarizes any modifications to the Comprehensive Conservation and Management Plan in the twelve-month period immediately preceding such report; and

(C) incorporates specific recommendations concerning the implementation of the Comprehensive Conservation and Management Plan; and

(8) convene conferences and meetings for legislators from State governments and political subdivisions thereof for the purpose of making recommendations for coordinating legislative efforts to facilitate the environmental restoration of Long Island Sound and the implementation of the Comprehensive Conservation and Management Plan.

(d) Grants

(1) The Administrator is authorized to make grants for projects and studies which will help implement the Long Island Sound Comprehensive Conservation and Management Plan. Special emphasis shall be given to implementation, research and planning, enforcement, and citizen involvement and education.

(2) State, interstate, and regional water pollution control agencies, and other public or non-profit private agencies, institutions, and organizations held to be eligible for grants pursuant to this subsection.

(3) Citizen involvement and citizen education grants under this subsection shall not exceed 95 per centum of the costs of such work. All other grants under this subsection shall not exceed 50 per centum of the research, studies, or work. All grants shall be made on the condition that the non-Federal share of such costs are provided from non-Federal sources.

(e) Assistance to distressed communities

(1) Eligible communities

For the purposes of this subsection, a distressed community is any community that meets affordability criteria established by the State in which the community is located, if such criteria are developed after public review and comment.

(2) Priority

In making assistance available under this section for the upgrading of wastewater treatment facilities, the Administrator may give priority to a distressed community.

(f) Authorizations

(1) There is authorized to be appropriated to the Administrator for the implementation of this section, other than subsection (d) of this section, such sums as may be necessary for each of the fiscal years 2001 through 2010.

(2) There is authorized to be appropriated to the Administrator for the implementation of subsection (d) of this section not to exceed \$40,000,000 for each of fiscal years 2001 through 2010.

(June 30, 1948, ch. 758, title I, § 119, as added Pub. L. 101-596, title II, § 202, Nov. 16, 1990, 104 Stat. 3004; amended Pub. L. 104-303, title V, § 583, Oct. 12, 1996, 110 Stat. 3791; Pub. L. 106-457, title IV, §§ 402-404, Nov. 7, 2000, 114 Stat. 1973; Pub. L. 109-137, § 1, Dec. 22, 2005, 119 Stat. 2646.)

REFERENCES IN TEXT

The Marine Protection, Research, and Sanctuaries Act, referred to in subsec. (c)(4), probably means the Marine Protection, Research, and Sanctuaries Act of 1972, Pub. L. 92-532, Oct. 23, 1972, 86 Stat. 1052, as amended, which is classified generally to chapters 32 (§1431 et seq.) and 32A (§1447 et seq.) of Title 16, Conservation, and chapters 27 (§1401 et seq.) and 41 (§2801 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 1401 of this title and Tables.

AMENDMENTS

2005—Subsec. (f). Pub. L. 109-137 substituted “2010” for “2005” in pars. (1) and (2).

2000—Subsec. (c)(1). Pub. L. 106-457, §402, inserted before semicolon at end “, including efforts to establish, within the process for granting watershed general permits, a system for promoting innovative methodologies and technologies that are cost-effective and consistent with the goals of the Plan”.

Subsec. (e). Pub. L. 106-457, §403(2), added subsec. (e). Former subsec. (e) redesignated (f).

Subsec. (f). Pub. L. 106-457, §§403(1), 404, redesignated subsec. (e) as (f) and substituted “2001 through 2005” for “1991 through 2001” in par. (1) and “not to exceed \$40,000,000 for each of fiscal years 2001 through 2005” for “not to exceed \$3,000,000 for each of the fiscal years 1991 through 2001” in par. (2).

1996—Subsec. (e). Pub. L. 104-303 substituted “2001” for “1996” in pars. (1) and (2).

LONG ISLAND SOUND STEWARDSHIP

Pub. L. 109-359, Oct. 16, 2006, 120 Stat. 2049, provided that:

“SECTION 1. SHORT TITLE.

“This Act may be cited as the ‘Long Island Sound Stewardship Act of 2006’.

“SEC. 2. FINDINGS AND PURPOSE.

“(a) FINDINGS.—Congress finds that—

“(1) Long Island Sound is a national treasure of great cultural, environmental, and ecological importance;

“(2) 8,000,000 people live within the Long Island Sound watershed and 28,000,000 people (approximately 10 percent of the population of the United States) live within 50 miles of Long Island Sound;

“(3) activities that depend on the environmental health of Long Island Sound contribute more than \$5,000,000,000 each year to the regional economy;

“(4) the portion of the shoreline of Long Island Sound that is accessible to the general public (estimated at less than 20 percent of the total shoreline) is not adequate to serve the needs of the people living in the area;

“(5) existing shoreline facilities are in many cases overburdened and underfunded;

“(6) large parcels of open space already in public ownership are strained by the effort to balance the demand for recreation with the needs of sensitive natural resources;

“(7) approximately 1/3 of the tidal marshes of Long Island Sound have been filled, and much of the remaining marshes have been ditched, diked, or impounded, reducing the ecological value of the marshes; and

“(8) much of the remaining exemplary natural landscape is vulnerable to further development.

“(b) PURPOSE.—The purpose of this Act is to establish the Long Island Sound Stewardship Initiative to identify, protect, and enhance upland sites within the Long Island Sound ecosystem with significant ecological, educational, open space, public access, or recreational value through a bi-State network of sites best exemplifying these values.

“SEC. 3. DEFINITIONS.

“In this Act, the following definitions apply:

“(1) ADMINISTRATOR.—The term ‘Administrator’ means the Administrator of the Environmental Protection Agency.

“(2) ADVISORY COMMITTEE.—The term ‘Advisory Committee’ means the Long Island Sound Stewardship Advisory Committee established by section 8.

“(3) REGION.—The term ‘Region’ means the Long Island Sound Stewardship Initiative Region established by section 4(a).

“(4) STATE.—The term ‘State’ means each of the States of Connecticut and New York.

“(5) STEWARDSHIP.—The term ‘stewardship’ means land acquisition, land conservation agreements, site planning, plan implementation, land and habitat management, public access improvements, site monitoring, and other activities designed to enhance and preserve natural resource-based recreation and ecological function of upland areas.

“(6) STEWARDSHIP SITE.—The term ‘stewardship site’ means any area of State, local, or tribal government, or privately owned land within the Region that is designated by the Administrator under section 5(a).

“(7) SYSTEMATIC SITE SELECTION.—The term ‘systematic site selection’ means a process of selecting stewardship sites that—

“(A) has explicit goals, methods, and criteria;

“(B) produces feasible, repeatable, and defensible results;

“(C) provides for consideration of natural, physical, and biological patterns;

“(D) addresses replication, connectivity, species viability, location, and public recreation values;

“(E) uses geographic information systems technology and algorithms to integrate selection criteria; and

“(F) will result in achieving the goals of stewardship site selection at the lowest cost.

“(8) QUALIFIED APPLICANTS.—The term ‘qualified applicant’ means a non-Federal person that owns title to property located within the borders of the Region.

“(9) THREAT.—The term ‘threat’ means a threat that is likely to destroy or seriously degrade a conservation target or a recreation area.

“SEC. 4. LONG ISLAND SOUND STEWARDSHIP INITIATIVE REGION.

“(a) ESTABLISHMENT.—There is established in the States of Connecticut and New York the Long Island Sound Stewardship Initiative Region.

“(b) BOUNDARIES.—The Region consists of the immediate coastal upland areas along—

“(1) Long Island Sound between mean high water and the inland boundary, as described on the map entitled ‘Long Island Sound Stewardship Region’ and dated April 21, 2004; and

“(2) the Peconic Estuary as described on the map entitled ‘Peconic Estuary Program Study Area Boundaries’ and included in the Comprehensive Conservation and Management Plan for the Peconic Estuary Program and dated November 15, 2001.

“SEC. 5. DESIGNATION OF STEWARDSHIP SITES.

“(a) IN GENERAL.—The Administrator may designate a stewardship site in accordance with this Act any area that contributes to accomplishing the purpose of this Act.

“(b) PUBLICATION OF LIST OF RECOMMENDED SITES.—The Administrator shall—

“(1) publish in the Federal Register and make available in general circulation in the States of Connecticut and New York the list of sites recommended by the Advisory Committee; and

“(2) provide a 90-day period for—

“(A) the submission of public comment on the list; and

“(B) an opportunity for owners of such sites to decline designation of such sites as stewardship sites.

“(c) OPINION REGARDING OWNER’S RESPONSIBILITIES.—The Administrator may not designate an area as a stewardship site under this Act unless the Administrator provides to the owner of the area, and the owner

acknowledges to the Administrator receipt of, a comprehensive opinion in plain English setting forth expressly the responsibility of the owner that arises from such designation.

“(d) DESIGNATION OF STEWARDSHIP SITES.—Not later than 150 days after receiving from the Advisory Committee its list of recommended sites, the Administrator—

“(1) shall review the recommendations of the Advisory Committee; and

“(2) may designate as a stewardship site any site included in the list.

“SEC. 6. RECOMMENDATIONS BY ADVISORY COMMITTEE.

“(a) IN GENERAL.—The Advisory Committee shall—

“(1) in accordance with this section, evaluate applications—

“(A) for designation of areas as stewardship sites;

“(B) to develop management plans to address threats to stewardship sites; and

“(C) to act on opportunities to protect and enhance stewardship sites;

“(2) develop recommended guidelines, criteria, schedules, and due dates for the submission of applications and the evaluation by the Advisory Committee of information to recommend areas for designation as stewardship sites that fulfill terms of a multi-year management plan;

“(3) recommend to the Administrator a list of sites for designation as stewardship sites that further the purpose of this Act;

“(4) develop management plans to address threats to stewardship sites;

“(5) raise awareness of the values of and threats to stewardship sites;

“(6) recommend that the Administrator award grants to qualified applicants; and

“(7) recommend to the Administrator ways to leverage additional resources for improved stewardship of the Region.

“(b) IDENTIFICATION OF SITES.—

“(1) IN GENERAL.—Any qualified applicant may submit an application to the Advisory Committee to have a site recommended to the Administrator for designation as a stewardship site.

“(2) IDENTIFICATION.—The Advisory Committee shall review each application submitted under this subsection to determine whether the site exhibits values that promote the purpose of this Act.

“(3) NATURAL RESOURCE-BASED RECREATION AREAS.—In reviewing an application for recommendation of a recreation area for designation as a stewardship site, the Advisory Committee may use a selection technique that includes consideration of—

“(A) public access;

“(B) community support;

“(C) high population density;

“(D) environmental justice (as defined in section 385.3 of title 33, Code of Federal Regulations (or successor regulations));

“(E) open spaces; and

“(F) cultural, historic, and scenic characteristics.

“(4) NATURAL AREAS WITH ECOLOGICAL VALUE.—In reviewing an application for recommendation of a natural area with ecological value for designation as a stewardship site, the Advisory Committee may use a selection technique that includes consideration of—

“(A) measurable conservation targets for the Region; and

“(B) prioritizing new sites using systematic site selection, which shall include consideration of—

“(i) ecological uniqueness;

“(ii) species viability;

“(iii) habitat heterogeneity;

“(iv) size;

“(v) quality;

“(vi) open spaces;

“(vii) land cover;

“(viii) scientific, research, or educational value; and

“(ix) threats.

“(5) DEVIATION FROM PROCESS.—The Advisory Committee may accept an application to recommend a site other than as provided in this subsection, if the Advisory Committee—

“(A) determines that the site makes significant ecological or recreational contributions to the Region; and

“(B) provides to the Administrator the reasons for deviating from the process otherwise described in this subsection.

“(c) SUBMISSION OF LIST OF RECOMMENDED SITES.—

“(1) IN GENERAL.—After completion of the site identification process set forth in subsection (b), the Advisory Committee shall submit to the Administrator its list of sites recommended for designation as stewardship sites.

“(2) LIMITATION.—The Advisory Committee shall not include a site in the list submitted under this subsection unless, prior to submission of the list, the owner of the site is—

“(A) notified of the inclusion of the site in the list; and

“(B) allowed to decline inclusion of the site in the list.

“(3) PUBLIC COMMENT.—In identifying sites for inclusion in the list, the Advisory Committee shall provide an opportunity for submission of, and consider, public comments.

“SEC. 7. GRANTS AND ASSISTANCE.

“(a) IN GENERAL.—The Administrator may provide grants, subject to the availability of appropriations, and other assistance for projects to fulfill the purpose of this Act.

“(b) FEDERAL SHARE.—The Federal share of the cost of an activity carried out using any assistance or grant under this Act shall not exceed 60 percent of the total cost of the activity.

“SEC. 8. LONG ISLAND SOUND STEWARDSHIP ADVISORY COMMITTEE.

“(a) ESTABLISHMENT.—There is established a committee to be known as the ‘Long Island Sound Stewardship Advisory Committee’.

“(b) MEMBERSHIP.—

“(1) IN GENERAL.—The Administrator may appoint the members of the Advisory Committee in accordance with this subsection and the guidance in section 320(c) of the Federal Water Pollution Control Act (33 U.S.C. 1330(c)), except that the Governor of each State may appoint 2 members of the Advisory Committee.

“(2) ADDITIONAL MEMBERS.—In addition to the other members appointed under this subsection, the Advisory Committee may include—

“(A) a representative of the Regional Plan Association;

“(B) a representative of marine trade organizations; and

“(C) a representative of private landowner interests.

“(3) CONSIDERATION OF INTERESTS.—In appointing members of the Advisory Committee, the Administrator shall consider—

“(A) Federal, State, and local government interests and tribal interests;

“(B) the interests of nongovernmental organizations;

“(C) academic interests;

“(D) private interests including land, agriculture, and business interests; and

“(E) recreational and commercial fishing interests.

“(4) CHAIRPERSON.—In addition to the other members appointed under this subsection, the Administrator may appoint as a member of the Advisory Committee an individual to serve as the Chairperson, who may be the Director of the Long Island Sound Office of the Environmental Protection Agency.

“(5) COMPLETION OF APPOINTMENTS.—The Administrator shall complete the appointment of all mem-

bers of the Advisory Committee by not later than 180 days after the date of enactment of this Act [Oct. 16, 2006].

“(A) [sic] VACANCIES.—A vacancy on the Advisory Committee—

“(i) shall be filled not later than 90 days after the vacancy occurs;

“(ii) shall not affect the powers of the Advisory Committee; and

“(iii) shall be filled in the same manner as the original appointment was made.

“(c) TERM.—

“(1) IN GENERAL.—A member of the Advisory Committee shall be appointed for a term of 4 years.

“(2) MULTIPLE TERMS.—An individual may be appointed as a member of the Advisory Committee for more than 1 term.

“(d) POWERS.—The Advisory Committee may hold such hearings, meet and act at such times and places, take such testimony, and receive such evidence as the Advisory Committee considers advisable to carry out this Act.

“(e) MEETINGS.—

“(1) IN GENERAL.—The Advisory Committee shall meet at the call of the Chairperson, but no fewer than 4 times each year.

“(2) INITIAL MEETING.—Not later than 30 days after the date on which all members of the Advisory Committee have been appointed, the Chairperson shall call the initial meeting of the Advisory Committee.

“(3) QUORUM.—A majority of the members of the Advisory Committee shall constitute a quorum, but a lesser number of members may hold hearings.

“(f) ADAPTIVE MANAGEMENT.—

“(1) IN GENERAL.—The Advisory Committee shall use an adaptive management framework to identify the best policy initiatives and actions through—

“(A) definition of strategic goals;

“(B) definition of policy options for methods to achieve strategic goals;

“(C) establishment of measures of success;

“(D) identification of uncertainties;

“(E) development of informative models of policy implementation;

“(F) separation of the landscape into geographic units;

“(G) monitoring key responses at different spatial and temporal scales; and

“(H) evaluation of outcomes and incorporation into management strategies.

“(2) APPLICATION OF ADAPTIVE MANAGEMENT FRAMEWORK.—The Advisory Committee shall apply the adaptive management framework to the process for making recommendations under subsections (b) through (f) of section 6 to the Administrator regarding sites that should be designated as stewardship sites.

“(3) ADAPTIVE MANAGEMENT.—The adaptive management framework required by this subsection shall consist of a scientific process—

“(A) for—

“(i) developing predictive models;

“(ii) making management policy decisions based upon the model outputs;

“(iii) revising the management policies as data become available with which to evaluate the policies; and

“(iv) acknowledging uncertainty, complexity, and variance in the spatial and temporal aspects of natural systems; and

“(B) that requires that management be viewed as experimental.

“(g) TERMINATION OF ADVISORY COMMITTEE.—The Advisory Committee shall terminate on December 31, 2011.

“SEC. 9. REPORTS.

“(a) ADMINISTRATOR.—The Administrator shall publish and make available to the public on the Internet and in paper form—

“(1) not later than 1 year after the date of enactment of this Act [Oct. 16, 2006], a report that—

“(A) assesses the role of this Act in protecting the Long Island Sound;

“(B) establishes in coordination with the Advisory Committee guidelines, criteria, schedules, and due dates for evaluating information to designate stewardship sites;

“(C) includes information about any grants that are available for the purchase of land or property rights to protect stewardship sites; and

“(D) accounts for funds received and expended during the previous fiscal year;

“(2) an update of such report, at least every other year; and

“(3) information on funding and any new stewardship sites more frequently than every other year.

“(b) ADVISORY COMMITTEE.—

“(1) REPORT.—For each of fiscal years 2007 through 2011, the Advisory Committee shall submit to the Administrator and the decisionmaking body of the Long Island Sound Study Management Conference established under section 320 of the Federal Water Pollution Control Act (33 U.S.C. 1330), an annual report that contains—

“(A) a detailed statement of the findings and conclusions of the Advisory Committee since the last report under this subsection;

“(B) a description of all sites recommended by the Advisory Committee to the Administrator for designation as stewardship sites;

“(C) the recommendations of the Advisory Committee for such legislation and administrative actions as the Advisory Committee considers appropriate; and

“(D) in accordance with paragraph (2), the recommendations of the Advisory Committee for the awarding of grants.

“(2) RECOMMENDATION FOR GRANTS.—

“(A) IN GENERAL.—The Advisory Committee shall recommend that the Administrator award grants to qualified applicants to help to secure and improve the open space, public access, or ecological values of stewardship sites, through—

“(i) purchase of the property of a stewardship site;

“(ii) purchase of relevant property rights to a stewardship site; or

“(iii) entering into any other binding legal arrangement that ensures that the values of a stewardship site are sustained, including entering into an arrangement with a land manager or property owner to develop or implement a management plan that is necessary for the conservation of natural resources.

“(B) EQUITABLE DISTRIBUTION OF FUNDS.—The Advisory Committee shall exert due diligence to ensure that its recommendations result in an equitable distribution of funds between the States.

“SEC. 10. PRIVATE PROPERTY PROTECTION; NO REGULATORY AUTHORITY.

“(a) ACCESS TO PRIVATE PROPERTY.—Nothing in this Act—

“(1) requires any private property owner to allow public access (including Federal, State, or local government access) to the private property; or

“(2) modifies the application of any provision of Federal, State, or local law with regard to public access to or use of private property, except as entered into by voluntary agreement of the owner or custodian of the property.

“(b) LIABILITY.—Establishment of the Region does not create any liability, or have any effect on any liability under any other law, of any private property owner with respect to any person injured on the private property.

“(c) RECOGNITION OF AUTHORITY TO CONTROL LAND USE.—Nothing in this Act modifies the authority of Federal, State, or local governments to regulate land use.

“(d) PARTICIPATION OF PRIVATE PROPERTY OWNERS NOT REQUIRED.—Nothing in this Act requires the owner

of any private property located within the boundaries of the Region to participate in any land conservation, financial or technical assistance, or other programs established under this Act.

“(e) PURCHASE OF LAND OR INTEREST IN LAND FROM WILLING SELLERS ONLY.—Funds appropriated to carry out this Act may be used to purchase land or interests in land only from willing sellers.

“(f) MANNER OF ACQUISITION.—All acquisitions of land under this Act shall be made in a voluntary manner and shall not be the result of forced takings.

“(g) EFFECT OF ESTABLISHMENT.—

“(1) IN GENERAL.—The boundaries of the Region represent the area within which Federal funds appropriated for the purpose of this Act may be expended.

“(2) REGULATORY AUTHORITY.—The establishment of the Region and the boundaries of the Region do not provide any regulatory authority not in existence immediately before the enactment of this Act [Oct. 16, 2006] on land use in the Region by any management entity, except for such property rights as may be purchased from or donated by the owner of the property (including public lands donated by a State or local government).

“SEC. 11. AUTHORIZATION OF APPROPRIATIONS.

“(a) IN GENERAL.—There is authorized to be appropriated to the Administrator \$25,000,000 for each of fiscal years 2007 through 2011 to carry out this Act, including for—

“(1) acquisition of land and interests in land;

“(2) development and implementation of site management plans;

“(3) site enhancements to reduce threats or promote stewardship; and

“(4) administrative expenses of the Advisory Committee and the Administrator.

“(b) USE OF FUNDS.—Amounts made available to the Administrator under this section each fiscal year shall be used by the Administrator after reviewing the recommendations included in the annual reports of the Advisory Committee under section 9.

“(c) AUTHORIZATION OF GIFTS, DEVISES, AND BEQUESTS FOR SYSTEM.—In furtherance of the purpose of this Act, the Administrator may accept and use any gift, devise, or bequest of real or personal property, proceeds therefrom, or interests therein, to carry out this Act. Such acceptance may be subject to the terms of any restrictive or affirmative covenant, or condition of servitude, if such terms are considered by the Administrator to be in accordance with law and compatible with the purpose for which acceptance is sought.

“(d) LIMITATION ON ADMINISTRATIVE COSTS.—Of the amount available each fiscal year to carry out this Act, not more than 8 percent may be used for administrative costs.”

§ 1270. Lake Champlain Basin Program

(a) Establishment

(1) In general

There is established a Lake Champlain Management Conference to develop a comprehensive pollution prevention, control, and restoration plan for Lake Champlain. The Administrator shall convene the management conference within ninety days of November 16, 1990.

(2) Implementation

The Administrator—

(A) may provide support to the State of Vermont, the State of New York, and the New England Interstate Water Pollution Control Commission for the implementation of the Lake Champlain Basin Program; and

(B) shall coordinate actions of the Environmental Protection Agency under sub-

paragraph (A) with the actions of other appropriate Federal agencies.

(b) Membership

The Members of the Management Conference shall be comprised of—

(1) the Governors of the States of Vermont and New York;

(2) each interested Federal agency, not to exceed a total of five members;

(3) the Vermont and New York Chairpersons of the Vermont, New York, Quebec Citizens Advisory Committee for the Environmental Management of Lake Champlain;

(4) four representatives of the State legislature of Vermont;

(5) four representatives of the State legislature of New York;

(6) six persons representing local governments having jurisdiction over any land or water within the Lake Champlain basin, as determined appropriate by the Governors; and

(7) eight persons representing affected industries, nongovernmental organizations, public and private educational institutions, and the general public, as determined appropriate by the trigovernmental Citizens Advisory Committee for the Environmental Management of Lake Champlain, but not to be current members of the Citizens Advisory Committee.

(c) Technical Advisory Committee

(1) The Management Conference shall, not later than one hundred and twenty days after November 16, 1990, appoint a Technical Advisory Committee.

(2) Such Technical Advisory Committee shall consist of officials of: appropriate departments and agencies of the Federal Government; the State governments of New York and Vermont; and governments of political subdivisions of such States; and public and private research institutions.

(d) Research program

The Management Conference shall establish a multi-disciplinary environmental research program for Lake Champlain. Such research program shall be planned and conducted jointly with the Lake Champlain Research Consortium.

(e) Pollution prevention, control, and restoration plan

(1) Not later than three years after November 16, 1990, the Management Conference shall publish a pollution prevention, control, and restoration plan for Lake Champlain.

(2) The Plan developed pursuant to this section shall—

(A) identify corrective actions and compliance schedules addressing point and nonpoint sources of pollution necessary to restore and maintain the chemical, physical, and biological integrity of water quality, a balanced, indigenous population of shellfish, fish and wildlife, recreational, and economic activities in and on the lake;

(B) incorporate environmental management concepts and programs established in State and Federal plans and programs in effect at the time of the development of such plan;

(C) clarify the duties of Federal and State agencies in pollution prevention and control

activities, and to the extent allowable by law, suggest a timetable for adoption by the appropriate Federal and State agencies to accomplish such duties within a reasonable period of time;

(D) describe the methods and schedules for funding of programs, activities, and projects identified in the Plan, including the use of Federal funds and other sources of funds;

(E) include a strategy for pollution prevention and control that includes the promotion of pollution prevention and management practices to reduce the amount of pollution generated in the Lake Champlain basin; and

(F) be reviewed and revised, as necessary, at least once every 5 years, in consultation with the Administrator and other appropriate Federal agencies.

(3) The Administrator, in cooperation with the Management Conference, shall provide for public review and comment on the draft Plan. At a minimum, the Management Conference shall conduct one public meeting to hear comments on the draft plan in the State of New York and one such meeting in the State of Vermont.

(4) Not less than one hundred and twenty days after the publication of the Plan required pursuant to this section, the Administrator shall approve such plan if the plan meets the requirements of this section and the Governors of the States of New York and Vermont concur.

(5) Upon approval of the plan, such plan shall be deemed to be an approved management program for the purposes of section 1329(h) of this title and such plan shall be deemed to be an approved comprehensive conservation and management plan pursuant to section 1330 of this title.

(f) Grant assistance

(1) The Administrator may, in consultation with participants in the Lake Champlain Basin Program, make grants to State, interstate, and regional water pollution control agencies, and public or nonprofit agencies, institutions, and organizations.

(2) Grants under this subsection shall be made for assisting research, surveys, studies, and modeling and technical and supporting work necessary for the development and implementation of the Plan.

(3) The amount of grants to any person under this subsection for a fiscal year shall not exceed 75 per centum of the costs of such research, survey, study and work and shall be made available on the condition that non-Federal share of such costs are provided from non-Federal sources.

(4) The Administrator may establish such requirements for the administration of grants as he determines to be appropriate.

(g) Definitions

In this section:

(1) Lake Champlain Basin Program

The term "Lake Champlain Basin Program" means the coordinated efforts among the Federal Government, State governments, and local governments to implement the Plan.

(2) Lake Champlain drainage basin

The term "Lake Champlain drainage basin" means all or part of Clinton, Franklin, Hamil-

ton, Warren, Essex, and Washington counties in the State of New York and all or part of Franklin, Grand Isle, Chittenden, Addison, Rutland, Bennington, Lamoille, Orange, Washington, Orleans, and Caledonia counties in Vermont, that contain all of the streams, rivers, lakes, and other bodies of water, including wetlands, that drain into Lake Champlain.

(3) Plan

The term "Plan" means the plan developed under subsection (e) of this section.

(h) No effect on certain authority

Nothing in this section—

(1) affects the jurisdiction or powers of—

(A) any department or agency of the Federal Government or any State government; or

(B) any international organization or entity related to Lake Champlain created by treaty or memorandum to which the United States is a signatory;

(2) provides new regulatory authority for the Environmental Protection Agency; or

(3) affects section 304 of the Great Lakes Critical Programs Act of 1990 (Public Law 101-596; 33 U.S.C. 1270 note).

(i) Authorization

There are authorized to be appropriated to the Environmental Protection Agency to carry out this section—

(1) \$2,000,000 for each of fiscal years 1991, 1992, 1993, 1994, and 1995;

(2) such sums as are necessary for each of fiscal years 1996 through 2003; and

(3) \$11,000,000 for each of fiscal years 2004 through 2008.

(June 30, 1948, ch. 758, title I, § 120, as added Pub. L. 101-596, title III, § 303, Nov. 16, 1990, 104 Stat. 3006; amended Pub. L. 107-303, title II, § 202, Nov. 27, 2002, 116 Stat. 2358.)

AMENDMENTS

2002—Pub. L. 107-303, § 202(1), substituted "Lake Champlain Basin Program" for "Lake Champlain Management Conference" in section catchline.

Subsec. (a). Pub. L. 107-303, § 202(1), (2), designated existing provisions as par. (1), inserted heading, and added par. (2).

Subsec. (d). Pub. L. 107-303, § 202(3), struck out par. (1) designation before "The Management".

Subsec. (e)(1). Pub. L. 107-303, § 202(4)(A), struck out "(hereafter in this section referred to as the 'Plan')" after "restoration plan".

Subsec. (e)(2)(F). Pub. L. 107-303, § 202(4)(B), added subpar. (F).

Subsec. (f)(1). Pub. L. 107-303, § 202(5)(A), substituted "participants in the Lake Champlain Basin Program," for "the Management Conference,".

Subsec. (f)(2). Pub. L. 107-303, § 202(5)(B), substituted "development and implementation of the Plan" for "development of the Plan and for retaining expert consultants in support of litigation undertaken by the State of New York and the State of Vermont to compel cleanup or obtain cleanup damage costs from persons responsible for pollution of Lake Champlain".

Subsec. (g). Pub. L. 107-303, § 202(6)(A), substituted "Definitions" for "Lake Champlain drainage basin defined" in subsec. heading, inserted introductory provisions, added par. (1), inserted par. (2) designation and heading after par. (1) and inserted "The term" before "Lake Champlain drainage".

Subsec. (g)(2). Pub. L. 107-303, §202(6)(B), inserted "Hamilton," after "Franklin," and "Bennington," after "Rutland."

Subsec. (g)(3). Pub. L. 107-303, §202(6)(C), added par. (3).

Subsec. (h). Pub. L. 107-303, §202(7), added subsec. (h) and struck out heading and text of former subsec. (h). Text read as follows: "Nothing in this section shall be construed so as to affect the jurisdiction or powers of—

"(1) any department or agency of the Federal Government or any State government; or

"(2) any international organization or entity related to Lake Champlain created by treaty or memorandum to which the United States is a signatory."

Subsec. (i). Pub. L. 107-303, §202(8), substituted "section—" for "section \$2,000,000", inserted "(1) \$2,000,000" before "for each of fiscal years 1991," substituted "1995;" for "1995.," and added pars. (2) and (3).

FEDERAL PROGRAM COORDINATION

Section 304 of Pub. L. 101-596, as amended by Pub. L. 104-127, title III, §336(a)(2)(F), Apr. 4, 1996, 110 Stat. 1005, provided that:

"(a) DESIGNATION OF LAKE CHAMPLAIN AS A PRIORITY AREA UNDER THE ENVIRONMENTAL QUALITY INCENTIVES PROGRAM.—

"(1) IN GENERAL.—Notwithstanding any other provision of law, the Lake Champlain basin, as defined under section 120(h) of the Federal Water Pollution Control Act [33 U.S.C. 1270(h)], shall be designated by the Secretary of Agriculture as a priority area under the environmental quality incentives program established under chapter 4 of subtitle D of title XII of the Food Security Act of 1985 [16 U.S.C. 3839aa et seq.].

"(2) TECHNICAL ASSISTANCE REIMBURSEMENT.—To carry out the purposes of this subsection, the technical assistance reimbursement from the Agricultural Stabilization and Conservation Service authorized under the Soil Conservation and Domestic Allotment Act [16 U.S.C. 590a et seq.], shall be increased from 5 per centum to 10 per centum.

"(3) COMPREHENSIVE AGRICULTURAL MONITORING.—The Secretary, in consultation with the Management Conference and appropriate State and Federal agencies, shall develop a comprehensive agricultural monitoring and evaluation network for all major drainages within the Lake Champlain basin.

"(4) ALLOCATION OF FUNDS.—In allocating funds under this subsection, the Secretary of Agriculture shall consult with the Management Conference established under section 120 of the Federal Water Pollution Control Act and to the extent allowable by law, allocate funds to those agricultural enterprises located at sites that the Management Conference determines to be priority sites, on the basis of a concern for ensuring implementation of nonpoint source pollution controls throughout the Lake Champlain basin.

"(b) COOPERATION OF THE UNITED STATES GEOLOGICAL SURVEY OF THE DEPARTMENT OF THE INTERIOR.—For the purpose of enhancing and expanding basic data collection and monitoring in operation in the Lake Champlain basin, as defined under section 120 of the Federal Water Pollution Control Act [33 U.S.C. 1270], the Secretary of the Interior, acting through the heads of water resources divisions of the New York and New England districts of the United States Geological Survey, shall—

"(1) in cooperation with appropriate universities and private research institutions, and the appropriate officials of the appropriate departments and agencies of the States of New York and Vermont, develop an integrated geographic information system of the Lake Champlain basin;

"(2) convert all partial recording sites in the Lake Champlain basin to continuous monitoring stations with full gauging capabilities and status; and

"(3) establish such additional continuous monitoring station sites in the Lake Champlain basin as are necessary to carry out basic data collection and mon-

itoring, as defined by the Secretary of the Interior, including groundwater mapping, and water quality and sediment data collection.

"(c) COOPERATION OF THE UNITED STATES FISH AND WILDLIFE SERVICE OF THE DEPARTMENT OF THE INTERIOR.—

"(1) RESOURCE CONSERVATION PROGRAM.—The Secretary of the Interior, acting through the United States Fish and Wildlife Service, in cooperation with the Lake Champlain Fish and Wildlife Management Cooperative and the Management Conference established pursuant to this subsection shall—

"(A) establish and implement a fisheries resources restoration, development and conservation program, including dedicating a level of hatchery production within the Lake Champlain basin at or above the level that existed immediately preceding the date of enactment of this Act [Nov. 16, 1990]; and

"(B) conduct a wildlife species and habitat assessment survey in the Lake Champlain basin, including—

"(i) a survey of Federal threatened and endangered species, listed or proposed for listing under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.), New York State and State of Vermont threatened and endangered species and other species of special concern, migratory nongame species of management concern, and national resources plan species;

"(ii) a survey of wildlife habitats such as islands, wetlands, and riparian areas; and

"(iii) a survey of migratory bird populations breeding, migrating and wintering within the Lake Champlain basin.

"(2) To accomplish the purposes of paragraph (1), the Director of the United States Fish and Wildlife Service is authorized to carry out activities related to—

"(A) controlling sea lampreys and other non-indigenous aquatic animal nuisances;

"(B) improving the health of fishery resources;

"(C) conducting investigations about and assessing the status of fishery resources, and disseminating that information to all interested parties; and

"(D) conducting and periodically updating a survey of the fishery resources and their habitats and food chains in the Lake Champlain basin.

"(d) AUTHORIZATIONS.—(1) There is authorized to be appropriated to the Department of Agriculture \$2,000,000 for each of fiscal years 1991, 1992, 1993, 1994, and 1995 to carry out subsection (a) of this section.

"(2) There is authorized to be appropriated to the Department of [the] Interior \$1,000,000 for each of fiscal years 1991, 1992, 1993, 1994, and 1995 to carry out subsections (b) and (c) of this section."

§ 1271. Sediment survey and monitoring

(a) Survey

(1) In general

The Administrator, in consultation with the Administrator of the National Oceanic and Atmospheric Administration and the Secretary, shall conduct a comprehensive national survey of data regarding aquatic sediment quality in the United States. The Administrator shall compile all existing information on the quantity, chemical and physical composition, and geographic location of pollutants in aquatic sediment, including the probable source of such pollutants and identification of those sediments which are contaminated pursuant to section 501(b)(4).¹

(2) Report

Not later than 24 months after October 31, 1992, the Administrator shall report to the

¹ See References in Text note below.

Congress the findings, conclusions, and recommendations of such survey, including recommendations for actions necessary to prevent contamination of aquatic sediments and to control sources of contamination.

(b) Monitoring

(1) In general

The Administrator, in consultation with the Administrator of the National Oceanic and Atmospheric Administration and the Secretary, shall conduct a comprehensive and continuing program to assess aquatic sediment quality. The program conducted pursuant to this subsection shall, at a minimum—

(A) identify the location of pollutants in aquatic sediment;

(B) identify the extent of pollutants in sediment and those sediments which are contaminated pursuant to section 501(b)(4);¹

(C) establish methods and protocols for monitoring the physical, chemical, and biological effects of pollutants in aquatic sediment and of contaminated sediment;

(D) develop a system for the management, storage, and dissemination of data concerning aquatic sediment quality;

(E) provide an assessment of aquatic sediment quality trends over time;

(F) identify locations where pollutants in sediment may pose a threat to the quality of drinking water supplies, fisheries resources, and marine habitats; and

(G) establish a clearing house for information on technology, methods, and practices available for the remediation, decontamination, and control of sediment contamination.

(2) Report

The Administrator shall submit to Congress a report on the findings of the monitoring under paragraph (1) on the date that is 2 years after the date specified in subsection (a)(2) of this section and biennially thereafter.

(Pub. L. 102-580, title V, § 503, Oct. 31, 1992, 106 Stat. 4865.)

REFERENCES IN TEXT

Section 501(b)(4), referred to in subsecs. (a)(1) and (b)(1)(B), means section 501(b)(4) of Pub. L. 102-580, which is set out below.

CODIFICATION

Section was enacted as part of the Water Resources Development Act of 1992 and also as part of the National Contaminated Sediment Assessment and Management Act, and not as part of the Federal Water Pollution Control Act which comprises this chapter.

AVAILABILITY OF CONTAMINATED SEDIMENTS INFORMATION

Section 327 of Pub. L. 102-580 directed Secretary to conduct national study on information that was currently available on contaminated sediments of surface waters of United States and compile information obtained for the purpose of identifying location and nature of contaminated sediments and, not later than 1 year after Oct. 31, 1992, to transmit to Congress a report on the results of the study.

NATIONAL CONTAMINATED SEDIMENT ASSESSMENT AND MANAGEMENT; SHORT TITLE; DEFINITIONS; TASK FORCE

Sections 501 and 502 of title V of Pub. L. 102-580 provided that:

“SEC. 501. SHORT TITLE AND DEFINITIONS.

“(a) SHORT TITLE.—This title [enacting this section, amending sections 1412 to 1416, 1420, and 1421 of this title, and enacting provisions set out below] may be cited as the ‘National Contaminated Sediment Assessment and Management Act’.

“(b) DEFINITIONS.—For the purposes of sections 502 and 503 of this title [enacting this section and provisions set out below]—

“(1) the term ‘aquatic sediment’ means sediment underlying the navigable waters of the United States;

“(2) the term ‘navigable waters’ has the same meaning as in section 502(7) of the Federal Water Pollution Control Act (33 U.S.C. 1362(7));

“(3) the term ‘pollutant’ has the same meaning as in section 502(6) of the Federal Water Pollution Control Act (33 U.S.C. 1362(6)); except that such term does not include dredge spoil, rock, sand, or cellar dirt;

“(4) the term ‘contaminated sediment’ means aquatic sediment which—

“(A) contains chemical substances in excess of appropriate geochemical, toxicological or sediment quality criteria or measures; or

“(B) is otherwise considered by the Administrator to pose a threat to human health or the environment; and

“(5) the term ‘Administrator’ means the Administrator of the Environmental Protection Agency.

“SEC. 502. NATIONAL CONTAMINATED SEDIMENT TASK FORCE.

“(a) ESTABLISHMENT.—There is established a National Contaminated Sediment Task Force (hereinafter referred to in this section as the ‘Task Force’). The Task Force shall—

“(1) advise the Administrator and the Secretary in the implementation of this title;

“(2) review and comment on reports concerning aquatic sediment quality and the extent and seriousness of aquatic sediment contamination throughout the Nation;

“(3) review and comment on programs for the research and development of aquatic sediment restoration methods, practices, and technologies;

“(4) review and comment on the selection of pollutants for development of aquatic sediment criteria and the schedule for the development of such criteria;

“(5) advise appropriate officials in the development of guidelines for restoration of contaminated sediment;

“(6) make recommendations to appropriate officials concerning practices and measures—

“(A) to prevent the contamination of aquatic sediments; and

“(B) to control sources of sediment contamination; and

“(7) review and assess the means and methods for locating and constructing permanent, cost-effective long-term disposal sites for the disposal of dredged material that is not suitable for ocean dumping (as determined under the Marine Protection, Research, and Sanctuaries Act of 1972 (33 U.S.C. 1401 et seq.) [also 16 U.S.C. 1431 et seq., 1447 et seq.; 33 U.S.C. 2801 et seq.].

“(b) MEMBERSHIP.—

“(1) IN GENERAL.—The membership of the Task Force shall include 1 representative of each of the following:

“(A) The Administrator.

“(B) The Secretary.

“(C) The National Oceanic and Atmospheric Administration.

“(D) The United States Fish and Wildlife Service.

“(E) The Geological Survey [now United States Geological Survey].

“(F) The Department of Agriculture.

“(2) ADDITIONAL MEMBERS.—Additional members of the Task Force shall be jointly selected by the Administrator and the Secretary, and shall include—

“(A) not more than 3 representatives of States;

“(B) not more than 3 representatives of ports, agriculture, and manufacturing; and

“(C) not more than 3 representatives of public interest organizations with a demonstrated interest in aquatic sediment contamination.

“(3) COCHAIRMEN.—The Administrator and the Secretary shall serve as cochairmen of the Task Force.

“(4) CLERICAL AND TECHNICAL ASSISTANCE.—Such clerical and technical assistance as may be necessary to discharge the duties of the Task Force shall be provided by the personnel of the Environmental Protection Agency and the Army Corps of Engineers.

“(5) COMPENSATION FOR ADDITIONAL MEMBERS.—The additional members of the Task Force selected under paragraph (2) shall, while attending meetings or conferences of the Task Force, be compensated at a rate to be fixed by the cochairmen, but not to exceed the daily equivalent of the base rate of pay in effect for grade GS-15 of the General Schedule under section 5332 of title 5, United States Code, for each day (including travel time) during which they are engaged in the actual performance of duties vested in the Task Force. While away from their homes or regular places of business in the performance of services for the Task Force, such members shall be allowed travel expenses, including per diem in lieu of subsistence, in the same manner as persons employed intermittently in the Government service are allowed expenses under section 5703(b) of title 5, United States Code.

“(c) REPORT.—Within 2 years after the date of the enactment of this Act [Oct. 31, 1992], the Task Force shall submit to Congress a report stating the findings and recommendations of the Task Force.”

AUTHORIZATION OF APPROPRIATIONS

Section 509(b) of Pub. L. 102-580 provided that: “There is authorized to be appropriated to the Administrator to carry out sections 502 and 503 [enacting this section and provisions set out above] such sums as may be necessary.”

“SECRETARY” DEFINED

Secretary means the Secretary of the Army, see section 3 of Pub. L. 102-580, set out as a note under section 2201 of this title.

§ 1271a. Research and development program

(a) In general

In coordination with other Federal, State, and local officials, the Administrator of the Environmental Protection Agency may conduct research on the development and use of innovative approaches, technologies, and techniques for the remediation of sediment contamination in areas of concern that are located wholly or partially in the United States.

(b) Authorization of appropriations

(1) In general

In addition to any amounts authorized under other provisions of law, there is authorized to be appropriated to carry out this section \$3,000,000 for each of fiscal years 2004 through 2010.

(2) Availability

Funds appropriated under paragraph (1) shall remain available until expended.

(Pub. L. 107-303, title I, §106, Nov. 27, 2002, 116 Stat. 2358; Pub. L. 110-365, §4, Oct. 8, 2008, 122 Stat. 4023.)

CODIFICATION

Section was enacted as part of the Great Lakes Legacy Act of 2002, and also as part of the Great Lakes and

Lake Champlain Act of 2002, and not as part of the Federal Water Pollution Control Act which comprises this chapter.

AMENDMENTS

2008—Subsec. (b)(1). Pub. L. 110-365 added par. (1) and struck out former par. (1). Prior to amendment, text read as follows: “In addition to amounts authorized under other laws, there is authorized to be appropriated to carry out this section \$3,000,000 for each of fiscal years 2004 through 2008.”

§ 1272. Environmental dredging

(a) Operation and maintenance of navigation projects

Whenever necessary to meet the requirements of the Federal Water Pollution Control Act [33 U.S.C. 1251 et seq.], the Secretary, in consultation with the Administrator of the Environmental Protection Agency, may remove and remediate, as part of operation and maintenance of a navigation project, contaminated sediments outside the boundaries of and adjacent to the navigation channel.

(b) Nonproject specific

(1) In general

The Secretary may remove and remediate contaminated sediments from the navigable waters of the United States for the purpose of environmental enhancement and water quality improvement if such removal and remediation is requested by a non-Federal sponsor and the sponsor agrees to pay 35 percent of the cost of such removal and remediation.

(2) Maximum amount

The Secretary may not expend more than \$50,000,000 in a fiscal year to carry out this subsection.

(c) Joint plan requirement

The Secretary may only remove and remediate contaminated sediments under subsection (b) of this section in accordance with a joint plan developed by the Secretary and interested Federal, State, and local government officials. Such plan must include an opportunity for public comment, a description of the work to be undertaken, the method to be used for dredged material disposal, the roles and responsibilities of the Secretary and non-Federal sponsors, and identification of sources of funding.

(d) Disposal costs

Costs of disposal of contaminated sediments removed under this section shall be a¹ shared as a cost of construction.

(e) Limitation on statutory construction

Nothing in this section shall be construed to affect the rights and responsibilities of any person under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 [42 U.S.C. 9601 et seq.].

(f) Priority work

In carrying out this section, the Secretary shall give priority to work in the following areas:

- (1) Brooklyn Waterfront, New York.

¹ So in original. The word “a” probably should not appear.

- (2) Buffalo Harbor and River, New York.
- (3) Ashtabula River, Ohio.
- (4) Mahoning River, Ohio.
- (5) Lower Fox River, Wisconsin.
- (6) Passaic River and Newark Bay, New Jersey.
- (7) Snake Creek, Bixby, Oklahoma.
- (8) Willamette River, Oregon.

(g) Nonprofit entities

Notwithstanding section 1962d-5b of title 42, for any project carried out under this section, a non-Federal sponsor may include a nonprofit entity, with the consent of the affected local government.

(Pub. L. 101-640, title III, §312, Nov. 28, 1990, 104 Stat. 4639; Pub. L. 104-303, title II, §205, Oct. 12, 1996, 110 Stat. 3679; Pub. L. 106-53, title II, §224, Aug. 17, 1999, 113 Stat. 297; Pub. L. 106-541, title II, §210(a), Dec. 11, 2000, 114 Stat. 2592.)

REFERENCES IN TEXT

The Federal Water Pollution Control Act, referred to in subsec. (a), is act June 30, 1948, ch. 758, as amended generally by Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 816, which is classified generally to this chapter (§1251 et seq.). For complete classification of this Act to the Code, see Short Title note set out under section 1251 of this title and Tables.

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980, referred to in subsec. (e), is Pub. L. 96-510, Dec. 11, 1980, 94 Stat. 2767, as amended, which is classified principally to chapter 103 (§9601 et seq.) of Title 42, The Public Health and Welfare. For complete classification of this Act to the Code, see Short Title note set out under section 9601 of Title 42 and Tables.

CODIFICATION

Section was formerly set out as a note under section 1252 of this title.

Section was enacted as part of the Water Resources Development Act of 1990, and not as part of the Federal Water Pollution Control Act which comprises this chapter.

AMENDMENTS

- 2000—Subsec. (g). Pub. L. 106-541 added subsec. (g).
- 1999—Subsec. (b)(1). Pub. L. 106-53, §224(1)(A), substituted “35 percent” for “50 percent”.
- Subsec. (b)(2). Pub. L. 106-53, §224(1)(B), substituted “\$50,000,000” for “\$20,000,000”.
- Subsec. (d). Pub. L. 106-53, §224(2), substituted “shared as a cost of construction” for “non-Federal responsibility”.
- Subsec. (f)(6) to (8). Pub. L. 106-53, §224(3), added pars. (6) to (8).
- 1996—Subsec. (a). Pub. L. 104-303, §205(1), inserted “and remediate” after “remove”.
- Subsec. (b)(1). Pub. L. 104-303, §205(1), (2)(A), inserted “and remediate” after “remove” and inserted “and remediation” after “removal” in two places.
- Subsec. (b)(2). Pub. L. 104-303, §205(2)(B), substituted “\$20,000,000” for “\$10,000,000”.
- Subsec. (c). Pub. L. 104-303, §205(1), inserted “and remediate” after “remove”.
- Subsec. (f). Pub. L. 104-303, §205(3), added subsec. (f) and struck out heading and text of former subsec. (f). Text read as follows: “This section shall not be effective after the last day of the 5-year period beginning on November 28, 1990; except that the Secretary may complete any project commenced under this section on or before such last day.”

§ 1273. Lake Pontchartrain Basin

(a) Establishment of restoration program

The Administrator shall establish within the Environmental Protection Agency the Lake Pontchartrain Basin Restoration Program.

(b) Purpose

The purpose of the program shall be to restore the ecological health of the Basin by developing and funding restoration projects and related scientific and public education projects.

(c) Duties

In carrying out the program, the Administrator shall—

- (1) provide administrative and technical assistance to a management conference convened for the Basin under section 1330 of this title;
- (2) assist and support the activities of the management conference, including the implementation of recommendations of the management conference;
- (3) support environmental monitoring of the Basin and research to provide necessary technical and scientific information;
- (4) develop a comprehensive research plan to address the technical needs of the program;
- (5) coordinate the grant, research, and planning programs authorized under this section; and
- (6) collect and make available to the public publications, and other forms of information the management conference determines to be appropriate, relating to the environmental quality of the Basin.

(d) Grants

The Administrator may make grants—

- (1) for restoration projects and studies recommended by a management conference convened for the Basin under section 1330 of this title; and
- (2) for public education projects recommended by the management conference.

(e) Definitions

In this section, the following definitions apply:

(1) Basin

The term “Basin” means the Lake Pontchartrain Basin, a 5,000 square mile watershed encompassing 16 parishes in the State of Louisiana and 4 counties in the State of Mississippi.

(2) Program

The term “program” means the Lake Pontchartrain Basin Restoration Program established under subsection (a) of this section.

(f) Authorization of appropriations

(1) In general

There is authorized to be appropriated to carry out this section \$20,000,000 for each of fiscal years 2001 through 2011. Such sums shall remain available until expended.

(2) Public education projects

Not more than 15 percent of the amount appropriated pursuant to paragraph (1) in a fiscal year may be expended on grants for public education projects under subsection (d)(2) of this section.

(June 30, 1948, ch. 758, title I, §121, as added Pub. L. 106-457, title V, §502, Nov. 7, 2000, 114 Stat. 1973; amended Pub. L. 109-392, §1, Dec. 12, 2006, 120 Stat. 2703.)

PRIOR PROVISIONS

Another section 121 of act June 30, 1948, was renumbered section 122 and is classified to section 1274 of this title.

AMENDMENTS

2006—Subsec. (f)(1). Pub. L. 109-392 substituted “2011” for “2005”.

MANAGEMENT CONFERENCE

Pub. L. 110-114, title V, §5084, Nov. 8, 2007, 121 Stat. 1228, provided that: “For purposes of carrying out section 121 of the Federal Water Pollution Control Act (33 U.S.C. 1273), the Lake Pontchartrain, Louisiana, basin stakeholders conference convened by the Environmental Protection Agency, National Oceanic and Atmospheric Administration, and United States Geological Survey on February 25, 2002, shall be treated as being a management conference convened under section 320 of such Act (33 U.S.C. 1330).”

§ 1274. Wet weather watershed pilot projects

(a) In general

The Administrator, in coordination with the States, may provide technical assistance and grants for treatment works to carry out pilot projects relating to the following areas of wet weather discharge control:

(1) Watershed management of wet weather discharges

The management of municipal combined sewer overflows, sanitary sewer overflows, and stormwater discharges, on an integrated watershed or subwatershed basis for the purpose of demonstrating the effectiveness of a unified wet weather approach.

(2) Stormwater best management practices

The control of pollutants from municipal separate storm sewer systems for the purpose of demonstrating and determining controls that are cost-effective and that use innovative technologies in reducing such pollutants from stormwater discharges.

(b) Administration

The Administrator, in coordination with the States, shall provide municipalities participating in a pilot project under this section the ability to engage in innovative practices, including the ability to unify separate wet weather control efforts under a single permit.

(c) Funding

(1) In general

There is authorized to be appropriated to carry out this section \$10,000,000 for fiscal year 2002, \$15,000,000 for fiscal year 2003, and \$20,000,000 for fiscal year 2004. Such funds shall remain available until expended.

(2) Stormwater

The Administrator shall make available not less than 20 percent of amounts appropriated for a fiscal year pursuant to this subsection to carry out the purposes of subsection (a)(2) of this section.

(3) Administrative expenses

The Administrator may retain not to exceed 4 percent of any amounts appropriated for a fiscal year pursuant to this subsection for the

reasonable and necessary costs of administering this section.

(d) Report to Congress

Not later than 5 years after December 21, 2000, the Administrator shall transmit to Congress a report on the results of the pilot projects conducted under this section and their possible application nationwide.

(June 30, 1948, ch. 758, title I, §122, formerly §121, as added Pub. L. 106-554, §1(a)(4) [div. B, title I, §112(b)], Dec. 21, 2000, 114 Stat. 2763, 2763A-225; renumbered §122, Pub. L. 109-392, §2, Dec. 12, 2006, 120 Stat. 2703.)

SUBCHAPTER II—GRANTS FOR CONSTRUCTION OF TREATMENT WORKS

§ 1281. Congressional declaration of purpose

(a) Development and implementation of waste treatment management plans and practices

It is the purpose of this subchapter to require and to assist the development and implementation of waste treatment management plans and practices which will achieve the goals of this chapter.

(b) Application of technology; confined disposal of pollutants; consideration of advanced techniques

Waste treatment management plans and practices shall provide for the application of the best practicable waste treatment technology before any discharge into receiving waters, including reclaiming and recycling of water, and confined disposal of pollutants so they will not migrate to cause water or other environmental pollution and shall provide for consideration of advanced waste treatment techniques.

(c) Waste treatment management area and scope

To the extent practicable, waste treatment management shall be on an areawide basis and provide control or treatment of all point and nonpoint sources of pollution, including in place or accumulated pollution sources.

(d) Waste treatment management construction of revenue producing facilities

The Administrator shall encourage waste treatment management which results in the construction of revenue producing facilities providing for—

(1) the recycling of potential sewage pollutants through the production of agriculture, silviculture, or aquaculture products, or any combination thereof;

(2) the confined and contained disposal of pollutants not recycled;

(3) the reclamation of wastewater; and

(4) the ultimate disposal of sludge in a manner that will not result in environmental hazards.

(e) Waste treatment management integration of facilities

The Administrator shall encourage waste treatment management which results in integrating facilities for sewage treatment and recycling with facilities to treat, dispose of, or utilize other industrial and municipal wastes, including but not limited to solid waste and waste