

**(i) Research, study, and experimentation program relating to dredged spoil extended to navigable waters, etc.; cooperative program; scope of program; utilization of facilities and personnel of Federal agency**

The Chief of Engineers, under the direction of the Secretary of the Army, is hereby authorized to extend to all navigable waters, connecting channels, tributary streams, other waters of the United States and waters contiguous to the United States, a comprehensive program of research, study, and experimentation relating to dredged spoil. This program shall be carried out in cooperation with other Federal and State agencies, and shall include, but not be limited to, investigations on the characteristics of dredged spoil, and alternative methods of its disposal. To the extent that such study shall include the effects of such dredge spoil on water quality, the facilities and personnel of the Environmental Protection Agency shall be utilized.

**(j) Period for depositing dredged materials**

The Secretary of the Army, acting through the Chief of Engineers, is authorized to continue to deposit dredged materials into a contained spoil disposal facility constructed under this section until the Secretary determines that such facility is no longer needed for such purpose or that such facility is completely full.

**(k) Study and monitoring program**

**(1) Study**

The Secretary of the Army, acting through the Chief of Engineers, shall conduct a study of the materials disposed of in contained spoil disposal facilities constructed under this section for the purpose of determining whether or not toxic pollutants are present in such facilities and for the purpose of determining the concentration levels of each of such pollutants in such facilities.

**(2) Report**

Not later than 1 year after November 17, 1988, the Secretary shall transmit to Congress a report on the results of the study conducted under paragraph (1).

**(3) Inspection and monitoring program**

The Secretary shall conduct a program to inspect and monitor contained spoil disposal facilities constructed under this section for the purpose of determining whether or not toxic pollutants are leaking from such facilities.

**(4) Toxic pollutant defined**

For purposes of this subsection, the term "toxic pollutant" means those toxic pollutants referred to in section 1311(b)(2)(C) and 1311(b)(2)(D) of this title and such other pollutants as the Secretary, in consultation with the Administrator of the Environmental Protection Agency, determines are appropriate based on their effects on human health and the environment.

(Pub. L. 91-611, title I, § 123, Dec. 31, 1970, 84 Stat. 1823; Pub. L. 93-251, title I, § 23, Mar. 7, 1974, 88 Stat. 20; Pub. L. 100-676, § 24, Nov. 17, 1988, 102 Stat. 4027.)

REFERENCES IN TEXT

Section 1171 of this title, referred to in subsec. (a), was omitted as superseded.

The National Environmental Policy Act of 1969, referred to in subsections (a) and (b), is Pub. L. 91-190, Jan. 1, 1970, 83 Stat. 852, as amended, which is classified generally to chapter 55 (§ 4321 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 4321 of Title 42 and Tables.

The Federal Water Pollution Control Act, referred to in subsec. (b), 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.

CODIFICATION

Section was formerly classified to section 1165a of this title.

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

AMENDMENTS

1988—Subsec. (j). Pub. L. 100-676, § 24(a), added subsec. (j).

Subsec. (k). Pub. L. 100-676, § 24(b), added subsec. (k).

1974—Subsec. (d). Pub. L. 93-251 inserted provision for waiver of payments in event of a written agreement before occurrence of findings.

GREAT LAKES CONFINED DISPOSAL FACILITIES

Pub. L. 104-303, title V, § 513, Oct. 12, 1996, 110 Stat. 3762, provided that:

"(a) ASSESSMENT.—Pursuant to the responsibilities of the Secretary under section 123 of the River and Harbor Act of 1970 (33 U.S.C. 1293a), the Secretary shall conduct an assessment of the general conditions of confined disposal facilities in the Great Lakes.

"(b) REPORT.—Not later than 3 years after the date of the enactment of this Act [Oct. 12, 1996], the Secretary shall transmit to Congress a report on the results of the assessment conducted under subsection (a), including the following:

"(1) A description of the cumulative effects of confined disposal facilities in the Great Lakes.

"(2) Recommendations for specific remediation actions for each confined disposal facility in the Great Lakes.

"(3) An evaluation of, and recommendations for, confined disposal facility management practices and technologies to conserve capacity at such facilities and to minimize adverse environmental effects at such facilities throughout the Great Lakes system."

**§ 1294. Public information and education on recycling and reuse of wastewater, use of land treatment, and reduction of wastewater volume**

The Administrator shall develop and operate within one year of December 27, 1977, a continuing program of public information and education on recycling and reuse of wastewater (including sludge), the use of land treatment, and methods for the reduction of wastewater volume.

(June 30, 1948, ch. 758, title II, § 214, as added Pub. L. 95-217, § 38, Dec. 27, 1977, 91 Stat. 1581.)

**§ 1295. Requirements for American materials**

Notwithstanding any other provision of law, no grant for which application is made after February 1, 1978, shall be made under this subchapter for any treatment works unless only

such unmanufactured articles, materials, and supplies as have been mined or produced in the United States, and only such manufactured articles, materials, and supplies as have been manufactured in the United States, substantially all from articles, materials, or supplies mined, produced, or manufactured, as the case may be, in the United States will be used in such treatment works. This section shall not apply in any case where the Administrator determines, based upon those factors the Administrator deems relevant, including the available resources of the agency, it to be inconsistent with the public interest (including multilateral government procurement agreements) or the cost to be unreasonable, or if articles, materials, or supplies of the class or kind to be used or the articles, materials, or supplies from which they are manufactured are not mined, produced, or manufactured, as the case may be, in the United States in sufficient and reasonably available commercial quantities and of a satisfactory quality.

(June 30, 1948, ch. 758, title II, §215, as added Pub. L. 95-217, §39, Dec. 27, 1977, 91 Stat. 1581.)

#### **§ 1296. Determination of priority of projects**

Notwithstanding any other provision of this chapter, the determination of the priority to be given each category of projects for construction of publicly owned treatment works within each State shall be made solely by that State, except that if the Administrator, after a public hearing, determines that a specific project will not result in compliance with the enforceable requirements of this chapter, such project shall be removed from the State's priority list and such State shall submit a revised priority list. These categories shall include, but not be limited to (A) secondary treatment, (B) more stringent treatment, (C) infiltration-in-flow correction, (D) major sewer system rehabilitation, (E) new collector sewers and appurtenances, (F) new interceptors and appurtenances, and (G) correction of combined sewer overflows. Not less than 25 per centum of funds allocated to a State in any fiscal year under this subchapter for construction of publicly owned treatment works in such State shall be obligated for those types of projects referred to in clauses (D), (E), (F), and (G) of this section, if such projects are on such State's priority list for that year and are otherwise eligible for funding in that fiscal year. It is the policy of Congress that projects for wastewater treatment and management undertaken with Federal financial assistance under this chapter by any State, municipality, or intermunicipal or interstate agency shall be projects which, in the estimation of the State, are designed to achieve optimum water quality management, consistent with the public health and water quality goals and requirements of this chapter.

(June 30, 1948, ch. 758, title II, §216, as added Pub. L. 95-217, §40, Dec. 27, 1977, 91 Stat. 1582; amended Pub. L. 97-117, §18, Dec. 29, 1981, 95 Stat. 1630.)

#### **AMENDMENTS**

1981—Pub. L. 97-117 inserted provision that it is the policy of Congress that projects for wastewater treat-

ment and management undertaken with Federal financial assistance under this chapter by any State, municipality, or intermunicipal or interstate agency be projects which, in the estimation of the State, are designed to achieve optimum water quality management, consistent with the public health and water quality goals and requirements of this chapter.

#### **§ 1297. Guidelines for cost-effectiveness analysis**

Any guidelines for cost-effectiveness analysis published by the Administrator under this subchapter shall provide for the identification and selection of cost effective alternatives to comply with the objectives and goals of this chapter and sections 1281(b), 1281(d), 1281(g)(2)(A), and 1311(b)(2)(B) of this title.

(June 30, 1948, ch. 758, title II, §217, as added Pub. L. 95-217, §41, Dec. 27, 1977, 91 Stat. 1582.)

#### **§ 1298. Cost effectiveness**

##### **(a) Congressional statement of policy**

It is the policy of Congress that a project for waste treatment and management undertaken with Federal financial assistance under this chapter by any State, municipality, or intermunicipal or interstate agency shall be considered as an overall waste treatment system for waste treatment and management, and shall be that system which constitutes the most economical and cost-effective combination of devices and systems used in the storage, treatment, recycling, and reclamation of municipal sewage or industrial wastes of a liquid nature to implement section 1281 of this title, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, outfall sewers, sewage collection systems, pumping power, and other equipment, and their appurtenances; extension, improvements, remodeling, additions, and alterations thereof; elements essential to provide a reliable recycled supply such as standby treatment units and clear well facilities; and any works, including site acquisition of the land that will be an integral part of the treatment process (including land use for the storage of treated wastewater in land treatment systems prior to land application) or which is used for ultimate disposal of residues resulting from such treatment; water efficiency measures and devices; and any other method or system for preventing, abating, reducing, storing, treating, separating, or disposing of municipal waste, including storm water runoff, or industrial waste, including waste in combined storm water and sanitary sewer systems; to meet the requirements of this chapter.

##### **(b) Determination by Administrator as prerequisite to approval of grant**

In accordance with the policy set forth in subsection (a) of this section, before the Administrator approves any grant to any State, municipality, or intermunicipal or interstate agency for the erection, building, acquisition, alteration, remodeling, improvement, or extension of any treatment works the Administrator shall determine that the facilities plan of which such treatment works are a part constitutes the most economical and cost-effective combination of treatment works over the life of the project to