

(d) “New underground injection well” defined

For purposes of this section, the term “new underground injection well” means an underground injection well whose operation was not approved by appropriate State and Federal agencies before December 16, 1974.

(e) Areas with one aquifer; publication in Federal Register; commitments for Federal financial assistance

If the Administrator determines, on his own initiative or upon petition, that an area has an aquifer which is the sole or principal drinking water source for the area and which, if contaminated, would create a significant hazard to public health, he shall publish notice of that determination in the Federal Register. After the publication of any such notice, no commitment for Federal financial assistance (through a grant, contract, loan guarantee, or otherwise) may be entered into for any project which the Administrator determines may contaminate such aquifer through a recharge zone so as to create a significant hazard to public health, but a commitment for Federal financial assistance may, if authorized under another provision of law, be entered into to plan or design the project to assure that it will not so contaminate the aquifer.

(July 1, 1944, ch. 373, title XIV, §1424, as added Pub. L. 93-523, §2(a), Dec. 16, 1974, 88 Stat. 1678.)

§ 300h-4. Optional demonstration by States relating to oil or natural gas**(a) Approval of State underground injection control program; alternative showing of effectiveness of program by State**

For purposes of the Administrator’s approval or disapproval under section 300h-1 of this title of that portion of any State underground injection control program which relates to—

(1) the underground injection of brine or other fluids which are brought to the surface in connection with oil or natural gas production or natural gas storage operations, or

(2) any underground injection for the secondary or tertiary recovery of oil or natural gas,

in lieu of the showing required under subparagraph (A) of section 300h-1(b)(1) of this title the State may demonstrate that such portion of the State program meets the requirements of subparagraphs (A) through (D) of section 300h(b)(1) of this title and represents an effective program (including adequate recordkeeping and reporting) to prevent underground injection which endangers drinking water sources.

(b) Revision or amendment of requirements of regulation; showing of effectiveness of program by State

If the Administrator revises or amends any requirement of a regulation under section 300h of this title relating to any aspect of the underground injection referred to in subsection (a) of this section, in the case of that portion of a State underground injection control program for which the demonstration referred to in subsection (a) of this section has been made, in lieu of the showing required under section 300h-1(b)(1)(B) of this title the State may demonstrate that, with respect to that aspect of

such underground injection, the State program meets the requirements of subparagraphs (A) through (D) of section 300h(b)(1) of this title and represents an effective program (including adequate recordkeeping and reporting) to prevent underground injection which endangers drinking water sources.

(c) Primary enforcement responsibility of State; voiding by Administrator under duly promulgated rule

(1) Section 300h-1(b)(3) of this title shall not apply to that portion of any State underground injection control program approved by the Administrator pursuant to a demonstration under subsection (a) of this section (and under subsection (b) of this section where applicable).

(2) If pursuant to such a demonstration, the Administrator approves such portion of the State program, the State shall have primary enforcement responsibility with respect to that portion until such time as the Administrator determines, by rule, that such demonstration is no longer valid. Following such a determination, the Administrator may exercise the authority of subsection (c) of section 300h-1 of this title in the same manner as provided in such subsection with respect to a determination described in such subsection.

(3) Before promulgating any rule under paragraph (2), the Administrator shall provide opportunity for public hearing respecting such rule.

(July 1, 1944, ch. 373, title XIV, §1425, as added Pub. L. 96-502, §2(a), Dec. 5, 1980, 94 Stat. 2737; amended Pub. L. 99-339, title II, §201(a), June 19, 1986, 100 Stat. 653.)

AMENDMENTS

1986—Subsec. (a)(1). Pub. L. 99-339 inserted “or natural gas storage operations, or” after “production”.

§ 300h-5. Regulation of State programs

Not later than 18 months after June 19, 1986, the Administrator shall modify regulations issued under this chapter for Class I injection wells to identify monitoring methods, in addition to those in effect on November 1, 1985, including groundwater monitoring. In accordance with such regulations, the Administrator, or delegated State authority, shall determine the applicability of such monitoring methods, wherever appropriate, at locations and in such a manner as to provide the earliest possible detection of fluid migration into, or in the direction of, underground sources of drinking water from such wells, based on its assessment of the potential for fluid migration from the injection zone that may be harmful to human health or the environment. For purposes of this subsection, a class I injection well is defined in accordance with 40 CFR 146.05 as in effect on November 1, 1985.

(July 1, 1944, ch. 373, title XIV, §1426, as added Pub. L. 99-339, title II, §201(b), June 19, 1986, 100 Stat. 653; amended Pub. L. 104-66, title II, §2021(f), Dec. 21, 1995, 109 Stat. 727; Pub. L. 104-182, title V, §501(f)(2), Aug. 6, 1996, 110 Stat. 1691.)

AMENDMENTS

1996—Pub. L. 104-182 directed technical amendment of section catchline and subsec. (a) designation. The pro-

vision directing amendment of subsec. (a) designation could not be executed because section does not contain a subsec. (a).

1995—Pub. L. 104-66 struck out subsec. (a) designation and heading before “Not later than” and struck out heading and text of subsec. (b). Text read as follows: “The Administrator shall submit a report to Congress, no later than September 1987, summarizing the results of State surveys required by the Administrator under this section. The report shall include each of the following items of information:

“(1) The numbers and categories of class V wells which discharge nonhazardous waste into or above an underground source of drinking water.

“(2) The primary contamination problems associated with different categories of these disposal wells.

“(3) Recommendations for minimum design, construction, installation, and siting requirements that should be applied to protect underground sources of drinking water from such contamination wherever necessary.”

§ 300h-6. Sole source aquifer demonstration program

(a) Purpose

The purpose of this section is to establish procedures for development, implementation, and assessment of demonstration programs designed to protect critical aquifer protection areas located within areas designated as sole or principal source aquifers under section 300h-3(e) of this title.

(b) “Critical aquifer protection area” defined

For purposes of this section, the term “critical aquifer protection area” means either of the following:

(1) All or part of an area located within an area for which an application or designation as a sole or principal source aquifer pursuant to section 300h-3(e) of this title, has been submitted and approved by the Administrator and which satisfies the criteria established by the Administrator under subsection (d) of this section.

(2) All or part of an area which is within an aquifer designated as a sole source aquifer as of June 19, 1986, and for which an areawide ground water quality protection plan has been approved under section 208 of the Clean Water Act [33 U.S.C. 1288] prior to June 19, 1986.

(c) Application

Any State, municipal or local government or political subdivision thereof or any planning entity (including any interstate regional planning entity) that identifies a critical aquifer protection area over which it has authority or jurisdiction may apply to the Administrator for the selection of such area for a demonstration program under this section. Any applicant shall consult with other government or planning entities with authority or jurisdiction in such area prior to application. Applicants, other than the Governor, shall submit the application for a demonstration program jointly with the Governor.

(d) Criteria

Not later than 1 year after June 19, 1986, the Administrator shall, by rule, establish criteria for identifying critical aquifer protection areas under this section. In establishing such criteria, the Administrator shall consider each of the following:

(1) The vulnerability of the aquifer to contamination due to hydrogeologic characteristics.

(2) The number of persons or the proportion of population using the ground water as a drinking water source.

(3) The economic, social and environmental benefits that would result to the area from maintenance of ground water of high quality.

(4) The economic, social and environmental costs that would result from degradation of the quality of the ground water.

(e) Contents of application

An application submitted to the Administrator by any applicant for a demonstration program under this section shall meet each of the following requirements:

(1) The application shall propose boundaries for the critical aquifer protection area within its jurisdiction.

(2) The application shall designate or, if necessary, establish a planning entity (which shall be a public agency and which shall include representation of elected local and State governmental officials) to develop a comprehensive management plan (hereinafter in this section referred to as the “plan”) for the critical protection area. Where a local government planning agency exists with adequate authority to carry out this section with respect to any proposed critical protection area, such agency shall be designated as the planning entity.

(3) The application shall establish procedures for public participation in the development of the plan, for review, approval, and adoption of the plan, and for assistance to municipalities and other public agencies with authority under State law to implement the plan.

(4) The application shall include a hydrogeologic assessment of surface and ground water resources within the critical protection area.

(5) The application shall include a comprehensive management plan for the proposed protection area.

(6) The application shall include the measures and schedule proposed for implementation of such plan.

(f) Comprehensive plan

(1) The objective of a comprehensive management plan submitted by an applicant under this section shall be to maintain the quality of the ground water in the critical protection area in a manner reasonably expected to protect human health, the environment and ground water resources. In order to achieve such objective, the plan may be designed to maintain, to the maximum extent possible, the natural vegetative and hydrogeological conditions. Each of the following elements shall be included in such a protection plan:

(A) A map showing the detailed boundary of the critical protection area.

(B) An identification of existing and potential point and nonpoint sources of ground water degradation.

(C) An assessment of the relationship between activities on the land surface and ground water quality.