

Environmental Protection Agency

§ 147.550

(b) *Casing and cementing.* Where the Regional Administrator determines that the owner or operator of an existing enhanced recovery or hydrocarbon storage well may not be in compliance with the requirements of §§ 144.28(e) and 146.22, the owner or operator shall, when required by the Regional Administrator:

(1) Protect USDWs by:

(i) Cementing surface casing by recirculating the cement to the surface from a point 50 feet below the lowermost USDW; or

(ii) Isolating all USDWs by placing cement between the outermost casing and the well bore; and

(2) Isolate any injection zones by placing sufficient cement to fill the calculated space between the casing and the well bore to a point 250 feet above the injection zone; and

(3) Use cement:

(i) Of sufficient quantity and quality to withstand the maximum operating pressure;

(ii) Which is resistant to deterioration from formation and injection fluids; and

(iii) In a quantity no less than 120% of the calculated volume necessary to cement off a zone.

(4) Comply with other requirements which the Regional Administrator may specify either in addition to or in lieu of the requirements set forth in paragraphs (b)(1) through (3) of this section as needed to protect USDWs.

(c) *Area of review.* Notwithstanding the alternatives presented in § 146.06 of this chapter, the area of review shall be a minimum fixed radius as described in § 146.06(b) of this chapter.

(The information collection requirements contained in paragraph (a)(2)(ii) were approved by the Office of Management and Budget under control number 2040-0042)

[49 FR 45306, Nov. 15, 1984]

Subpart L—Georgia

§ 147.550 State-administered program.

The UIC program for all classes of wells in the State of Georgia, except those wells on Indian lands, is the program administered by the Georgia Department of Natural Resources, Environmental Protection Division ap-

proved by EPA pursuant to section 1422 of the SDWA. Notice of this approval was published in the FEDERAL REGISTER on April 19, 1984 (49 FR 15553); the effective date of this program is May 21, 1984. This program consists of the following elements, as submitted to EPA in the State's program application:

(a) *Incorporation by reference.* The requirements set forth in the State statutes and regulations cited in this paragraph are hereby incorporated by reference and made a part of the applicable UIC program under the SDWA for the State of Georgia. This incorporation by reference was approved by the Director of the OFR in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained at the Georgia Department of Natural Resources, Environmental Protection Division, 270 Washington Street, SW., Atlanta, Georgia, 30334. Copies may be inspected at the Environmental Protection Agency, Region IV, 345 Courtland Street, NE., Atlanta, Georgia, 30365, or at the Office of the Federal Register, 800 North Capitol Street NW., suite 700, Washington, DC.

(1) Oil and Gas and Deep Drilling Act of 1975, Official Code of Georgia Annotated (O.C.G.A.) §§ 12-4-40 through 12-4-53 (1988);

(2) Ground Water Use Act of 1972, O.C.G.A. §§ 12-5-90 through 12-5-107 (1988);

(3) Water Well Standards Act of 1985, O.C.G.A. §§ 12-5-120, through 12-5-138 (1988);

(4) Georgia Administrative Procedure Act, O.C.G.A. §§ 50-13-1 through 50-13-22 (Reprinted from the O.C.G.A. and 1988 Cumm. Supp.);

(5) Georgia Water Quality Control Act, O.C.G.A. §§ 12-5-20 through 12-5-53 (1988);

(6) Georgia Hazardous Waste Management Act, O.C.G.A. §§ 12-8-60 through 12-8-83 (1988);

(7) Georgia Safe Drinking Water Act of 1977, O.C.G.A. §§ 12-5-170 through 12-5-193 (1988);

(8) Rules of Georgia Department of Natural Resources, Environmental Protection Division, Water Quality Control, GA. COMP. R. & REGS. Chapter 391-3-6-.13 (Revised July 28, 1988).

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(b) *Memorandum of Agreement.* The Memorandum of Agreement between EPA Region IV and the State of Georgia, signed March 1, 1984.

(c) *Statement of legal authority.* (1) Unofficial Opinion of the Georgia Attorney General, Op. Atty. Gen. 080–24, June 12, 1980;

(2) Underground Injection Control Program, Attorney General's Statement, February 4, 1982;

(3) Amended Attorney General's Statement Relating to Authority of the State of Georgia to Implement an Underground Injection Control Program, April 22, 1983;

(4) Letter to EPA Office of General Counsel from Senior Assistant Attorney General "Re: State UIC Program", July 13, 1983.

(d) *Program Description.* The Program Description and any other materials submitted as part of the application or as supplements thereto.

[56 FR 9414, Mar. 6, 1991; 56 FR 14150, Apr. 5, 1991]

§§ 147.551–147.552 [Reserved]

§ 147.553 EPA-administered program—Indian lands.

(a) *Contents.* The UIC program for all classes of wells on Indian lands in the State of Georgia is administered by EPA. This program consists of the UIC program requirements of 40 CFR parts 124, 144, 146, 148, and any additional requirements set forth in the remainder of this subpart. Injection well owners and operators, and EPA shall comply with these requirements.

(b) *Effective date.* The effective date of the UIC program for Indian lands in Georgia is November 25, 1988.

[53 FR 43087, Oct. 25, 1988, as amended at 56 FR 9414, Mar. 6, 1991]

§§ 147.554–147.559 [Reserved]

Subpart M—Hawaii

§ 147.600 State-administered program. [Reserved]

§ 147.601 EPA-administered program.

(a) *Contents.* The UIC program for the State of Hawaii, including all Indian lands, is administered by EPA. This program consists of the UIC program

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requirements of 40 CFR parts 124, 144, 146, 148, and any additional requirements set forth in the remainder of this subpart. Injection well owners and operators, and EPA shall comply with these requirements.

(b) *Effective date.* The effective date of the UIC program for Indian lands in Hawaii is November 25, 1988. The effective date for the UIC program for all other lands in Hawaii is December 30, 1984.

[53 FR 43087, Oct. 25, 1988, as amended at 56 FR 9414, Mar. 6, 1991]

Subpart N—Idaho

§ 147.650 State-administrative program—Class I, II, III, IV, and V wells.

The UIC program for Class I, II, III, IV, and V wells in the State of Idaho, other than those on Indian lands, is the program administered by the Idaho Department of Water Resources, approved by EPA pursuant to section 1422 of the SDWA. Notice of this approval was published in the FEDERAL REGISTER on June 7, 1985; the effective date of this program is July 22, 1985. This program consists of the following elements, as submitted to EPA in the State's program application.

(a) *Incorporation by reference.* The requirements set forth in the State statutes and regulations cited in this paragraph are hereby incorporated by reference and made a part of the applicable UIC program under the SDWA for the State of Idaho. This incorporation by reference was approved by the Director of the Federal Register effective July 22, 1985.

(1) Public Writings, Title 9, Chapter 3, Idaho Code, sections 9–301 through 9–302 (Bobbs-Merrill 1979);

(2) Crimes and Punishments, Title 18, Chapter 1, Idaho Code, sections 18–113 through 18–114 (Bobbs-Merrill 1979 and Supp. 1984);

(3) Department of Health and Welfare, Title 39, Chapter 1, Idaho Code, Chapter 39–108 (Bobbs-Merrill 1977);

(4) Drainage-Water Rights and Reclamation, Title 42, Chapter 2, Idaho Code sections 42–237(e); section 42–238 (Bobbs-Merrill 1977 and Supp. 1984);