entific efforts, if any. Such plans shall be prepared by an interdisciplinary team; be embodied in appropriate written material, including maps and other descriptive documents; shall contain water quality standards developed by the Secretary after consultation and in cooperation with the city, which standards shall be substantially based on and shall reflect a quality of water not significantly less than the quality reflected by percentile curves developed from data collected from 1967 through 1975 and, if none, from data collected in the first three years of record thereafter; and be available to the public at convenient locations. The initial plan or plans shall be completed as soon as practicable after the enactment of this Act [Nov. 23, 1977], but not later than September 30, 1979. Current data shall be compared to historical data at least annually for the purpose of determining compliance with the standards and the significance of any deviation therefrom. Deviations occurring from operation, maintenance, alteration, or construction of water storage, or electrical generation and transmission facilities, seasonal fluctuations, variations in climate, and other natural phenomena, fire, or acts of God, shall not be considered in determining the historical or current percentile curves.

"(d) The Secretary or his representative shall, upon request, and at least annually, meet with appropriate officials of the city for the purpose of reviewing planned management programs and the impact thereof on the quality and quantity of the water produced on the unit and assuring that their respective management and operational activities within the unit are appropriately coordinated. The Secretary shall negotiate in good faith cooperative agreements with appropriate officials of the city to effectuate activity coordination.

'(e) In the event there is disagreement between the city and the Secretary with respect to the development or revision of the water quality standards provided for herein, or with respect to the effect or the significance of such effect of one or more proposed or existing programs, practices, uses, regulations, or boundary adjustments (except as otherwise specifically provided for herein), on the quantity of the water produced on said unit, or on compliance with the water quality standards referred to in section 2(a) and (b) [now (c)] hereof and, therefore, with respect to the necessity for an alteration or prohibition of any such program, practice, use, regulation, or boundary adjustment as required in section 2(a) hereof, an arbitration board for resolving such disagreements shall be established. The Secretary and the city shall, each, forthwith appoint one member to such board and those two members shall select a third. In the event agreement cannot be reached on the third member within seven days after the appointment of the first two, the third member shall be appointed by the presiding judge of the United States District Court for the District of Oregon within seven days after being notified of such disagreement by either of the first two members. All of said members shall be qualified to make a scientific determination of the facts. The contentions of the city and the Secretary shall be submitted to the board in the form of written contentions of fact together with the evidence and analysis that tends to support the position being presented. The board shall forthwith consider and decide, on a scientific basis, the issues in disagreement by majority vote, taking into consideration the evidence and data presented by the parties and such other tests and data which the board by majority vote may require. The decision of such board shall be in the form of written findings of fact and conclusions based thereon and shall be final and binding on the parties. The Secretary and the city shall compensate their designees and share equally the compensation of the third member, and shall provide such technical and administrative support as required.

"(f) The Secretary is authorized, after consultation with the city, to promulgate regulations for controlling entry into the unit by all persons including but not limited to—

"(1) employees or contractors of the city engaged in the inspection, maintenance, construction, or improvement of the city's facilities: "(2)(i) Federal, State, and local government officers and (ii) employees thereof acting in an official capacity:

"(3) Federal, State, and local government permittees and contractors conducting authorized activities:

"(4) members of advisory groups formed pursuant to this Act or ordinances of the city in the performance of their official duties:

Provided, That no regulation promulgated pursuant to this subsection shall prohibit ingress or egress to non-Federal lands or to authorized occupancies on, or uses of, Federal lands: *Provided further*, That the Secretary may independently and directly prohibit or restrict all entry into the unit during fire or other emergencies as he may determine.

"EFFECT ON OTHER LAWS

"SEC. 3. (a) Nothing in this Act shall terminate or affect any lease, permit, contract, patent, right-of-way, or other land use right or authorization existing on the date of approval of this Act [Nov. 23, 1977] and otherwise valid except for the provisions of section 1862 of title 18 of the United States Code.

"(b) Nothing in this Act shall in any way affect any law governing appropriation or use of, or Federal right to, water on National Forest System lands; or as expanding or diminishing Federal, State, or local jurisdiction, responsibility, interests, or rights in water resources development or control.

"(c) Section 1862 of title 18 of the United States Code is hereby repealed.

"(d) Except as otherwise provided for herein, this Act shall take precedence over and supersede all State and local laws dealing with or affecting the subject matter of this Act.

"(e) Challenge to actions taken by any governmental unit or official under the provisions of this Act shall not be sustained by any court except upon a showing or arbitrary, unreasonable, capricious, or illegal action or an absence of substantial good faith compliance with the procedural provisions hereof substantially prejudicing the rights of an interested party."

§482c. Patents affecting forest lands

On and after May 11, 1934, all patents issued under the United States mining laws affecting lands within the Mount Hood National Forest within the State of Oregon shall convey title to the mineral deposits within the claim, together with the right to cut and remove so much of the timber therefrom as may be needed in extracting and removing the mineral deposits, if the timber is cut under sound principles of forest management as defined by the national-forest rules and regulations, but each patent shall reserve to the United States all title in or to the surface of the lands and products thereof, and no use of the surface of the claim or the resources therefrom not reasonably required for carrying on mining or prospecting shall be allowed except under the rules and regulations of the Forest Service.

(May 11, 1934, ch. 280, §2, 48 Stat. 773.)

§482d. Perfection of claims within forest

Valid mining claims within the Mount Hood National Forest in the State of Oregon existing on May 11, 1934, and thereafter maintained in compliance with the law under which they were initiated and the laws of the State of Oregon, may be perfected under sections 482b and 482c of this title, or under the law under which they were initiated, as the claimant may desire. (May 11, 1934, ch. 280, §3, 48 Stat. 773.)

§482e. Lincoln National Forest; mining rights

On and after June 13, 1939, mining locations made under the United States mining laws upon lands within the watershed of the headwaters of the Bonito River in the Lincoln National Forest within the State of New Mexico, specifically described as those certain pieces or parcels of land situate, lying, and being in the county of Lincoln, State of New Mexico, described as follows:

The east half east half section 12, east half east half section 13, east half northeast quarter section 24, township 10 south, range 10 east, New Mexico principal meridian; southeast quarter section 25, southwest quarter section 26, south half section 27, southeast quarter and south half southwest quarter section 28, southeast quarter section 31, and all of sections 32, 33, 34, 35, and 36, township 9 south, range 11 east, New Mexico principal meridian; all of sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 27, 28, and 29, north half section 19, north half and southwest quarter section 24, northwest quarter section 26. north half northeast quarter section 32, and north half north half section 33, township 10 south, range 11 east, New Mexico principal meridian; southwest quarter section 25, south half of fractional section 26, all of fractional section 35, and all of section 36, township 9 south, range 12 east, New Mexico principal meridian; all of section 1, all of fractional section 2, all of fractional section 11, all of section 12, all of section 13, all of fractional section 14, north half of fractional section 23, and north half section 24, township 10 south, range 12 east, New Mexico principal meridian; having an area of approximately thirty-nine and three hundred and seventy-six one-thousandths square miles, shall confer on the locator the right to occupy and use only so much of the surface of the land covered by the location as may be reasonably necessary to carry on prospecting and mining, including the taking of mineral deposits and timber required by or in the mining operations, and no permit shall be required or charge made for such use or occupancy: Provided, however, That the cutting and removal of timber, except where clearing is necessary in connection with mining operations or to provide space for buildings or structures used in connection with mining operations, shall be conducted in accordance with the rules for timber cutting on adjoining national-forest land, and no use of the surface of the claim or the resources therefrom not reasonably required for carrying on mining and prospecting shall be allowed except under the national-forest rules and regulations, nor shall the locator prevent or obstruct other occupancy of the surface or use of surface resources under authority of national-forest regulations, or permits issued thereunder, if such occupancy or use is not in conflict with mineral development.

(June 13, 1939, ch. 201, §1, 53 Stat. 817.)

§482f. Patents affecting forest lands

On and after June 13, 1939, all patents issued under the United States mining laws affecting lands within the watershed of headwaters of the Bonito River in the Lincoln Forest, in the State of New Mexico, shall convey title to the mineral deposits within the claim, together with the right to cut and remove so much of the mature timber therefrom as may be needed in extracting and removing the mineral deposits, if the timber is removed in accordance with the rules for timber cutting on adjoining national-forest land, but each patent shall reserve to the United States all title in or to the surface of the lands and products thereof, and no use of the surface of the claim or the resources therefrom not reasonably required for carrying on mining or prospecting shall be allowed except under the rules and regulations of the Department of Agriculture.

(June 13, 1939, ch. 201, §2, 53 Stat. 818.)

§482g. Perfection of claims within forest

Valid mining claims within the watershed of the headwaters of the Bonito River in the Lincoln National Forest, within the State of New Mexico, as above described, existing on June 13, 1939, and thereafter maintained in compliance with the law under which they were initiated and the laws of the State of New Mexico, may be perfected under sections 482e and 482f of this title, or under the laws under which they were initiated, as the claimant may desire.

(June 13, 1939, ch. 201, §3, 53 Stat. 818.)

§482h. Coronado National Forest; mining rights

On and after March 15, 1940, mining locations made under the mining laws of the United States upon lands within four hundred feet of the center line of the Catalina Highway, Coronado National Forest, Arizona, which highway begins at the south boundary of said national forest near the southeast corner of section 7, township 13 south, range 16 east, Gila and Salt River base and meridian, and runs in a general northerly direction for a distance of about twenty-five miles to Soldier Camp, shall confer on the locator no right to the surface of the land described in his location other than the right to occupy and use, under the rules and regulations relating to the administration of the Coronado National Forest, so much thereof as may be reasonably necessary to carry on prospecting and mining, and shall not authorize the taking of any resource other than the mineral deposits, or the occupancy of said land for any purpose other than prospecting and mining; and each patent issued thereafter under the United States mining laws upon a mineral location made upon lands within four hundred feet of said center line shall convey title only to the mineral deposits within said land and the right, subject to rules and regulations relating to the national forests, to occupy and use the surface of the land for prospecting and mining only: Provided, That valid mining claims within said lands existing on March 15, 1940, and thereafter maintained in compliance with the laws under which they were initiated and the laws of the State of Arizona may be perfected in accordance with the laws under which they were initiated.

(Mar. 15, 1940, ch. 59, 54 Stat. 52.)