

§ 783.20

vegetation as important habitat for fish and wildlife for those species of fish and wildlife identified under 30 CFR 784.21.

[44 FR 15363, Mar. 13, 1979, as amended at 52 FR 47359, Dec. 11, 1987]

§ 783.20 [Reserved]

§ 783.21 Soil resources information.

(a) The applicant shall provide adequate soil survey information on those portions of the permit area to be affected by surface operations or facilities consisting of the following:

- (1) A map delineating different soils;
- (2) Soil identification;
- (3) Soil description; and
- (4) Present and potential productivity of existing soils.

(b) Where the applicant proposes to use selected overburden materials as a supplement or substitute for topsoil, the application shall provide results of the analyses, trials and tests required under 30 CFR 817.22.

EDITORIAL NOTE: For a document suspending § 783.21 in part, see 45 FR 51548, Aug. 4, 1980.

§ 783.24 Maps: General requirements.

The permit application shall include maps showing:

(a) All boundaries of lands and names of present owners of record of those lands, both surface and sub-surface, included in or contiguous to the permit area;

(b) The boundaries of land within the proposed permit area upon which the applicant has the legal right to enter and begin underground mining activities;

(c) The boundaries of all areas proposed to be affected over the estimated total life of the underground mining activities, with a description of size, sequence and timing of the mining of sub-areas for which it is anticipated that additional permits will be sought;

(d) The location of all buildings in and within 1000 feet of the proposed permit area, with identification of the current use of the buildings;

(e) The location of surface and sub-surface man-made features within, passing through, or passing over the proposed permit area, including, but not limited to, major electric trans-

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mission lines, pipelines, and agricultural drainage tile fields;

(f) The location and boundaries of any proposed reference areas for determining the success of revegetation;

(g) The locations of water supply intakes for current users of surface waters flowing into, out of, and within a hydrologic area defined by the regulatory authority, and those surface waters which will receive discharges from affected areas in the proposed permit area;

(h) Each public road located in or within 100 feet of the proposed permit area;

(i) The boundaries of any public park and locations of any cultural or historical resources listed or eligible for listing in the National Register of Historic Places and known archeological sites within the permit and adjacent areas.

(j) Each cemetery that is located in or within 100 feet of the proposed permit area.

(k) Any land within the proposed permit area which is within the boundaries of any units of the National System of Trails or the Wild and Scenic Rivers System, including study rivers designated under section 5(a) of the Wild and Scenic Rivers Act; and

(1) Other relevant information required by the regulatory authority.

[44 FR 15363, Mar. 13, 1979; 44 FR 49685, Aug. 24, 1979, as amended at 45 FR 51550, Aug. 4, 1980; 48 FR 14822, Apr. 5, 1983; 52 FR 4263, Feb. 10, 1987]

§ 783.25 Cross sections, maps, and plans.

(a) The application shall include cross sections, maps, and plans showing—

(1) Elevations and locations of test borings and core samplings;

(2) Elevations and locations of monitoring stations used to gather data on water quality and quantity, fish and wildlife, and air quality, if required, in preparation of the application.

(3) Nature, depth, and thickness of the coal seams to be mined, any coal or rider seams above the seam to be mined, each stratum of the overburden, and the stratum immediately below the lowest coal seam to be mined;