

§ 816.59

under § 816.49(b) of this part and provisions have been made for sound future maintenance by the permittee or the landowner in accordance with § 800.40(c)(2) of this chapter.

(4) Construction of excess spoil fills and coal mine waste disposal facilities in a perennial or intermittent stream. You must comply with all other applicable requirements of the regulatory program, including the requirements of paragraphs (a) and (f) of § 816.71 of this part for excess spoil fills and the requirements of §§ 816.81(a), 816.83(a), and 816.84 of this part for coal mine waste disposal facilities.

(c) *Additional clarifications.* All surface mining activities conducted in or within 100 feet of a perennial or intermittent stream must comply with paragraphs (b)(10)(B)(i) and (b)(24) of section 515 of the Act and the regulations implementing those provisions of the Act, including—

(1) The requirement in § 816.41(d)(1) of this part that surface mining activities be conducted according to the plan approved under § 780.21(h) of this chapter and that earth materials, ground-water discharges, and runoff be handled in a manner that prevents, to the extent possible using the best technology currently available, additional contribution of suspended solids to streamflow outside the permit area; and otherwise prevents water pollution.

(2) The requirement in § 816.45(a) that appropriate sediment control measures be designed, constructed, and maintained using the best technology currently available to prevent, to the extent possible, additional contributions of sediment to streamflow or to runoff outside the permit area.

(3) The requirement in § 816.97(a) of this part that the operator must, to the extent possible using the best technology currently available, minimize disturbances and adverse impacts on fish and wildlife and related environmental values and achieve enhancement of those resources where practicable.

(4) The requirement in § 816.97(f) of this part that the operator avoid disturbances to, enhance where practicable, restore, or replace wetlands, habitats of unusually high value for fish and wildlife, and riparian vegeta-

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tion along rivers and streams and bordering ponds and lakes.

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§ 816.59 Coal recovery.

Surface mining activities shall be conducted so as to maximize the utilization and conservation of the coal, while utilizing the best appropriate technology currently available to maintain environmental integrity, so that re-affecting the land in the future through surface coal mining operations is minimized.

§ 816.61 Use of explosives: General requirements.

(a) Each operator shall comply with all applicable State and Federal laws and regulations in the use of explosives.

(b) Blasts that use more than 5 pounds of explosive or blasting agent shall be conducted according to the schedule required under § 816.64.

(c) *Blasters.* (1) No later than 12 months after the blaster certification program for a State required by part 850 of this chapter has been approved under the procedures of subchapter C of this chapter, all blasting operations in that State shall be conducted under the direction of a certified blaster. Before that time, all such blasting operations in that State shall be conducted by competent, experienced persons who understand the hazards involved.

(2) Certificates of blaster certification shall be carried by blasters or shall be on file at the permit area during blasting operations.

(3) A blaster and at least one other person shall be present at the firing of a blast.

(4) Any blaster who is responsible for conducting blasting operations at a blasting site shall:

(i) Be familiar with the blasting plan and site-specific performance standards; and

(ii) Give direction and on-the-job training to persons who are not certified and who are assigned to the blasting crew or assist in the use of explosives.

(d) *Blast design.* (1) An anticipated blast design shall be submitted if blasting operations will be conducted with-