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July 15, 1980

Mr. David Chenoweth
ARCO Coal Company
Environmental Services
55 17th Street, P.O. Box 5300
Denver, Colorado 80217

RE: Fish & Wildlife Consultation
Pursuant to UMC 783.20
Gordon Creek #2, #3 & #6 Mines
ACT/007/016 and ACT/007/017

Dear Mr. Chenoweth:

Enclosed are the guidelines which were compiled by the Division of Oil, Gas and Mining as a result of the consultation with the agencies having jurisdiction over fish and wildlife and habitat in the mine plan area. Please be reminded of the requirements of UMC 771.23(c) when writing your permit application.

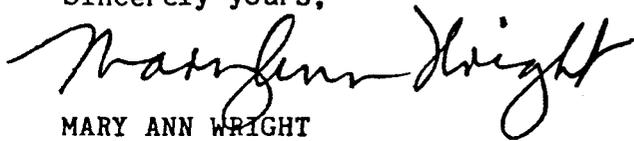
Guidelines for the design and construction of electric power lines have been previously sent to you. These guidelines should be utilized in the preparation of the fish and wildlife plan for Part UMC 784.21 and for compliance with Performance Standard UMC 817.97(c).

Mr. David Chenoweth
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Beaver Creek Coal Company should also provide a plan for minimizing impacts and disturbances to fish and wildlife, utilizing impact control measures, management techniques and monitoring methods for the protection of riparian areas (UMC 784.21). Therefore, Beaver Creek Coal Company should address plans to rectify any existing problems with the creeks which flow through both mine sites.

Should any questions arise concerning these matters, please call me.

Sincerely yours,



MARY ANN WRIGHT
RECLAMATION BIOLOGIST

MAW/te
Enc: Guidelines
cc: Division of Wildlife Resources
Clark Johnson, U.S.F.S.
Shirley Lindsay, O.S.M.

Gordon Creek #2, #3 and #6 Mines
ACT/007/016 and ACT/007/017
Beaver Creek Coal Company

Guidelines for Fish and Wildlife and Habitat
Information Pursuant to UMC 783.20

Aquatic Studies

1. Biological Community Survey - UMC 817.57.

Area: Any streams to be impacted by development of surface operations within 100 feet of the streams.

Time: Spring, Summer.

Purpose: Determine the presence or absence of any "biological communities", as defined in UMC 817.57 for the designation of buffer zones. The Division will make this determination based upon existing information and a stream survey, if needed.

2. Fish Study

Area: Mine plan area.

Time: N/A.

Purpose: Identify from existing data the potential occurrence, relative abundance, status, populations trend and preferred habitat of any fish which inhabit the mine plan area.

Terrestrial Studies

1. Raptor Survey

Area: Areas to be disturbed plus a zone of 1 km. radius surrounding the sites.

Time: February through June.

Purpose: Assess occurrence and location of any raptor breeding sites and map these areas. Determine raptor use of the area.

2. Migratory Birds of High Federal Interest Survey

Area: Any new areas of disturbance plus a zone of 1 km. radius surrounding the sites.

Time: March through July.

Purpose: Determine the relative use by these species of the area to be disturbed. Such studies are on-going or have been completed and data is available from Utah's Division of Wildlife Resources, Southeastern Regional Office.

3. Upland Game Birds Survey

Area: Mine plan area.

Time: N/A.

Purpose: Determine the presence and degree of use by these birds on any areas of new disturbance. The Utah Division of Wildlife Resources office has noted that it has site-specific information to provide to the applicant.

4. Federally Listed Threatened or Endangered Species Survey

Area: Mine plan area.

Time: N/A.

Purpose: To assess the occurrence of the Bald Eagle and the Peregrine Falcon on the mine plan area. Provide a positive or negative determination as to the occurrence of these species. Some information from the Utah Division of Wildlife Resources office in Price should be available for these species.

5. Big Game Study

Area: Mine plan area and Gordon Creek Road.

Time: Any.

Purpose: Provide existing data on the moose herd developing in the area, and on big game vehicle collisions on Gordon Creek Road.

6. Survey of All Other Vertebrates—Amphibians, Reptiles, Birds and Mammals

Area: Mine plan area.

Time: N/A.

Purpose: Provide data on presence, status, relative abundance, population trend and preferred habitat type for all species inhabiting the mine plan area. Present habitat preference information to correlate with data collection from habitat (vegetation) studies. A great deal of data has been collected by the Utah Division of Wildlife Resources office in Price. Access to the Utah Division of Wildlife Resources' data files in Price should be requested formally of Mr. Larry Wilson, Supervisor of the Southeastern Region.

7. Habitat Survey

Area: Mine Plan Area.

Time: Year-round..

Purpose: To assess the condition, trend and types of habitat within the mine plan area. In the course of other field studies, areas of special use for wildlife, such as heavily used riparian areas, large mammals dens and snake dens, should be noted and mapped. Aquatic areas which occur within the permit area, such as seeps, springs, streams, ponds, and reservoirs should be noted and mapped and their importance to wildlife discussed.