

0005



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

August 22, 1980

Mr. Bob Eccli
Senior Mine Engineer
U.S. Fuel Company
Hiawatha Complex
Hiawatha, Utah 84527

RE: Fish and Wildlife Consultation
Pursuant to UMC 783.20
Hiawatha Complex
ACT/007/011

Dear Mr. Eccli:

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.

Enclosed for your use in preparation of the fish and wildlife plan for Part UMC 784.21 and for compliance with performance standards UMC 817.97(c) are the guidelines for the design and construction of electric power lines.

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

Sincerely yours,

MARY ANN WRIGHT
RECLAMATION BIOLOGIST

MAW/te

Enc: Guidelines

cc: Shirley Lindsay, O.S.M.

Division of Wildlife Resources

Clark Johnson, U.S. Fish & Wildlife Service

Hiawatha Mine Complex
ACT/007/001
U.S. Fuel Company

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

Aquatic Studies

1. Fish Study

Area: Mine plan area.

Time: N/A.

Purpose: Identify from existing data the potential occurrence, relative abundance, status, population 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 areas to be disturbed.

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 in Price 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: Canyons with proposed conveyor systems.

Time: The studies should be conducted during times of Mule Deer migration, October–November, and April–May. The study should be developed in three stages; 1. Collect all existing information from the Utah Division of Wildlife Resources and the U.S. Forest Service on the Mule Deer Herd Unit(s) in the mine plan area. Submit this as background information in the permanent program permit application to the Division with the commitment to carryout the following two provisions. 2. Upon review of the existing data base, the Division will determine the necessity and extent of studies to be conducted in relation to each proposed conveyor in each canyon. 3. Based upon the first-year results of any required big game migration studies in relation to conveyor belts, the Division will determine the necessity of further study.

Purpose: The purpose of the three-phase study is; 1. to determine the use and importance of the resource to Mule Deer which inhabit the area, 2. to determine the possibility of impact to migration of Mule Deer; and 3. to gather information pertinent to the design of a conveyor. (For regulations pertaining to this requirement, see UMC 817.97).

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. Access to their files should be requested formally of Mr. Larry Wilson, of the Southeastern Region, Price, Utah.

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 mine permit area such as seeps, springs, streams, ponds and reservoirs should be noted and mapped and their importance to wildlife discussed in the mine permit.