



M E M O R A N D U M
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TO: Pam Grubaugh-Littig, Cy Young, Tom Munson, Tom Portle
FROM: Steve Cox, Reclamation Biologist *sc*
SUBJECT: Preliminary ACR Comments on Kaiser's Sunnyside Mine
ACT/007/007 Carbon County, Utah.
DATE: November 23, 1982

UMC 783.12 - General Environmental Resources Description

- a) Submit a map and narrative describing the size, sequence and timing of the subareas of the mine plan area which it is anticipated that individual permits for mining will be requested over the estimated total life of the proposed underground coal mining activities.
- b) See OSM comments - September 4, 1981, letter.

UMC 783.15 - Ground Water Information

See OSM comments - September 4, 1982, letter.

UMC 783.16 - Surface Water Information

See OSM comments - September 4, 1981, letter.

UMC 783.19 - Vegetation Information

Submit a map showing location, size and dimensions of each reference area (map 1X-1). Are the reference areas permanently established and marked? Vegetation map 1X-2 is missing.

OSM has not submitted updated comments on the new (6/3/82) vegetation section (#9).

Shrub density for the P-J/Grass site does not meet sample adequacy (pg. 9 - 9).

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UMC 783.20 - Fish and Wildlife Information

Have any spring aerial surveys for raptors been conducted on the permit area? (particulary the cliff area).

Mule/Deer winter range should be more clearly delineated on map X-1.

See DWR letter (August 11, 1982).

Detailed plans for ventilation shafts in Pasture and Water Canyons must be submitted before beginning disturbances.

It was stated that a wildlife management plan would be submitted by August 1981 (sec. 10-5). Has this plan been finalized?

UMC 783.21 - Soil Resources Information

See OSM comments - September 4, 1981.

A revegetation test plot to be set up with SCS' help during the summer of 1982 was indicated in the file. Does such a test plot now exist?

UMC 783.22 - Land-Use Information

Submit a map and supporting narrative of the uses of the land at the time of filing the application.

UMC 783.24 - Maps: General requirements

Submit maps to comply with 783.24 (b), (c), (f), (g).

UMC 783.25 - Cross-Sections, Maps and Plans

Submit maps to comply with 783.25 (3), (f), (h), (i), (k).

UMC 783.27 - Prime Farmland Investigation

See OSM comments - September 4, 1981.

UMC 784.13 - Reclamation: General Requirements

See OSM comments - September 4, 1981.

UMC 784.14 - Reclamation: Protection of Hydrologic Balance

Need to update changes that have been made in surface drainage patterns, sediment ponds, etc., since submitting the original MRP.

UMC 784.16 - Reclamation: Ponds, Impoundments, etc.

Include plans for the reclamation of any new ponds, dams, etc. that have been built since submitting MRP.

UMC 784.19 - Underground Development Waste

See OSM comment - September 4, 1981.

UMC 784.20 - Subsidence Control Plan

Need to submit a subsidence control plan.

UMC 784.22 - Diversions

Submit updated maps and cross-sections of any new or old diversions which have been modified since submitting the MRP.

UMC 784.23 - Operation Plan: Maps and Plans

Submit all appropriate maps.

UMC 784.24 - Transportation Facilities

See OSM comments - September 4, 1981.

UMC 784.26 - Air Pollution Control Plan

See OSM comments - September 4, 1981.

Include permit from Air Quality, fugitive dust control practices, etc.

UMC 785.19 - Alluvial Valley Floors

See OSM comments - September 4, 1982.