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February 5, 1988

TO: John Whitehead, Permit Supervisor
FROM: Brent Stettler, Reclamation Biologist BS
RE: Midterm Review Response, Diamond Shamrock, Trail Mountain Mine, ACT/015/009, Folder #2, Emery County, Utah

Background

On August 18, 1987, the Division completed its Mid-Term Permit Review for the Trail Mountain Mine (TMM). On January 15, 1988, the Division received Trail Mountain's response.

I was assigned Kathy Mutz' comments, and was asked to determine if these had been adequately addressed.

Summary

One comment remains outstanding--no response for UMC 817.111, part 2.

COMMENT BY COMMENT REVIEW

UMC 783.19 Vegetation Information-(KMM)

Page 9-37 has been updated to discuss Hedysarum occidentale var. canone. Bob Thompson, USFS, was consulted. No H. occidentale var. canone occurs within the permit area.

UMC 784.17 Protection of Public Parks and Historical Places-(KMM)

Page 3-30 was revised to indicate road construction and asphalt surfacing on the county road which accesses TMM. Cultural sites were avoided by Emery County engineers.

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Memo to J. Whitehead
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UMC 784.21 Fish and Wildlife Plan-(KMM)

Section 7-13.1 entitled "Benthic Macroinvertebrates, Interim Report (1985)" and Section 7-13.2 entitled "Benthic Macro invertebrates Final Report (1986)" were submitted. These reports are accompanied by Appendix 7-13.3 which is a request to discontinue sampling. Included is a copy of a DWR letter dated November 25, 1986, which agrees with the author of both reports, Dr. Shizawa, that further study is unnecessary.

The Division should grant permission to discontinue macroinvertebrate sampling.

UMC 784.26 Air Pollution Control Plan-(KMM)

Revised page 4-9 describes the new road surfacing and its effect in reducing fugitive dust. Updated page 3-52 notes wetting of haulage vehicles and storage piles with a rainbird sprinkling system.

UMC 817.11(c)(2)-(KMM)

Page 3-22 has been updated to correct the business name, address, and phone number.

UMC 817.111 Revegetation: General-(KMM)

Page 3-39 was updated to refer the reviewer to Appendices 9A and 9. Appendix 9-A (pages 1-17) was submitted, which includes the reports of Mount Nebo Scientific Research and Consulting for test plot vegetation sampling from 1985-1987.

Figure 10-A (MRP Volume 1, following page 3-61) has yet to be revised as K. Mutz required.

UMC 817.116 Revegetation: Standards for Success-(KMM)

Trail Mountain Mine updated page 3-40 to note that annual vegetation monitoring would be reported to the Division annually.

The vegetation monitoring schedule was modified from yearly sampling of cover and productivity to "yearly quantitative and qualitative data [collection]". Details will have to be more clearly specified in the T-2 submittal, but will suffice for the present.

djh
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