

0012



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

92-c

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April 2, 1992

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Ken Wyatt, Reclamation Hydrologist *KW*

RE: Minor Modification Review, Andalex Resources, Wildcat Loadout, ACT/007/033, Folder # 3, Carbon County, Utah

SYNOPSIS

On March 31, 1992, a proposed modification was received from Andalex Resources. The submittal responds to permit concerns raised during the facility's mid-term review. The following items were submitted and will be reviewed below.

- Plate 2: Surface Facilities Topography, Watershed and Drainage: includes the addition of a 12 inch half round CMP to facilitate drainage from Small Area Exemption #1.
- MRP page 128: changes sediment and silt disposal from an approved landfill to the onsite refuse disposal area.
- MRP page 105 (Table IV-5), 107 (Table IV-6), 109 (Table IV-7): depicting pond E as an existing structure.
- A copy of a State of Utah, Bureau of Air Quality inspection report for the loadout and the mines.

ANALYSIS

Plate 2: Surface Facilities Topography, Watershed and Drainage

This plate was modified to include a 12 inch half round CMP to drain runoff from the southeast portion of small area exemption #1. This water will then flow into pond E. The additional area at most is .78 acres. Runoff calculations for a 10-year 24-hour storm would produce .97 inches which equals 0.063 acre feet. According to table IV-6, sediment pond E has an excess capacity of .065 acre feet. The additional runoff volume of .063 acre feet is a conservative value and the pond can accommodate this extra flow.

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MRP page 128:

The operator intends to dispose of material generated from ditch and sediment pond cleaning in the refuse disposal area. This is an acceptable disposal method provided the waste is shown to be free of acid/toxic forming material.

MRP pages 105 (Table IV-5), 107 (Table IV-6), 109 (Table IV-7):

These tables were updated to reflect pond E as an existing structure instead of a proposed pond. The numbers are identical to the corresponding approved MRP tables.

Bureau of Air Quality inspection report

An air quality inspection report was submitted to show that the mine and the loadout are both covered under one permit. This report was filed in folder number 2.

RECOMMENDATION

I recommend that the information submitted be approved and incorporated into the MRP.