



0018

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

PRO/007/033
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 12, 1987

Mr. Mike Glasson
Andalex Resources, Inc.
P. O. Box 902
Price, Utah 84501

Dear Mr. Glasson:

Re: Permitting Requirements, Andalex Resources, Inc., Wildcat
Preparation Plant, PRO/007/033, Carbon County, Utah

As we discussed in our phone conversation of May 4, 1987, enclosed are the coal program permit format guidelines for coal preparation/loadout facilities. These should provide some direction in the preparation of the Wildcat Preparation Plant permit application that will need to be filed with the Division in the near future.

Within the next few weeks I would like to derive with you a mutually acceptable time frame for the submission of the Wildcat Preparation Plant permit application in the latter part of 1987. Please give some thought to your schedule constraints over the next few months, and we can discuss a submission date further during our site visit scheduled for Thursday May 14, at 3:30 p.m. at the Preparation Plant. The Division will need written confirmation of Andalex's commitment to permitting of this facility, per your discussion with Lowell Braxton. Please provide the commitment to submit an application for the Wildcat Preparation by May 29, 1987.

Thank you for your cooperation in this matter.

Sincerely,

John J. Whitehead
Permit Supervisor

djh
Enclosure
cc: L. Braxton
K. Mutz
0800R/49

(August 1986)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203
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PERMIT APPLICATIONS--PREPARATION PLANTS
GENERAL GUIDELINE FOR ORGANIZATIONAL FORMAT AND CONTENT

Pursuant to Utah Code Annotated 40-10-10(2) and UMC 771.23(a)

FORWARD

These guidelines are prepared to assist Utah coal operators in the preparation of permit applications for coal preparation plants pursuant to the Utah Coal Mining and Reclamation Act and Rules and Regulations promulgated thereunder. The purpose of providing an organizational guideline is to standardize the permit application submittals into a form which will expedite efficient review. These guidelines are intended to encourage applicants to organize the permit application submittal. The organizations should assist the applicant to recognize portions to be prepared in the early stages of mine plan preparation and submit more complete plans initially. It is important to the Division that chapters and main headings be labeled in accordance with the following general format so that specific information of concern to the individual reviewer can be located quickly. Pursuant to UMC 771.23, all pages, maps, figures, tables and appendices must be uniquely numbered. All maps must be dated.

Changes to the Application or Approved Permit

Any changes to an application (approved or unapproved) must be submitted in a format for insertion directly into the application. Each page must be uniquely numbered and dated. A revised index for additional pages, maps, figures, etc., will be required when the change is submitted.

The following chapter by chapter format is provided with a brief outline of each chapter. The regulations which follow should be addressed within the outline given.

It is the goal of these guidelines to avoid duplication wherever possible through use of specific references.

ORGANIZATIONAL GUIDELINE FOR PERMIT APPLICATIONS

Index

The following items are required as an index:

For each chapter an index of all sections, plates, figures, appendices, tables to show chapter and page(s).

Regulation reference checklists which delineate where each regulation is addressed in the application.

If federal coal is involved, a regulation reference to CFR 211 which delineates where each regulation is addressed.

Chapter I Introduction and Legal/Financial

This chapter should include a general introduction and summary of the proposed mining and reclamation plan. The narrative should also contain information describing the premining and proposed postmining land use, locations of operations, surface and mineral ownership, permit area description, permit term, life of mine and the legal/financial compliance information.

Sections to be addressed in this chapter:

- I. Introduction and Executive Summary
- II. Legal/Financial, Ownership, etc.

Regulations to be addressed in Chapter I:

UMC 761
771.23, 771.25, 771.27
782.13, 782.14, 782.15, 782.16, 782.17, 782.18, 782.19, 782.20,
782.21
786.19 - cross reference to rest of document
786.11 - proposed notice
783.24(a), (b)
800.60 - liability insurance

Chapter II Operation Plan

The chapter should summarize the surface facilities and operations which will be utilized during the life of the mine. This should include commitments and specific references to the detailed designs contained in Chapter IV-XI.

Note: Detailed designs and calculations should be presented in Chapters IV-XI.

Sections to be addressed in this chapter:

- I. Structures and Facilities--to include roads, buildings, conveyors, powerlines and substation, sewage treatment facilities
- II. Drainage Controls--to include diversions, sediment control and treatment facilities
- III. Placement and Handling of Materials--to include handling of topsoil, overburden, coal processing waste, noncoal wastes
- IV. Operational Monitoring Plans--to include surface and ground water, contemporaneous revegetation, air quality
- V. Summary of Environmental Impacts and Mitigation

Regulations to be addressed in Chapter II:

UMC 783.24(i), (k)
784.11(b)
784.12
784.13(b)(7)
784.14(a), (b)
784.16(a)(1)(i)-(iii), (v), (a)(2)(i)-(iii), (a)(3)(i), (iii)
784.16(b)(1), (b)(2), (c), (d), (e)
784.18
784.21
784.22
784.23(a), (b)(1)-(12)
784.24
785.17(b)(2), (b)(4)
786.21
817.11
817.21, 817.22, 817.23
817.41-817.49, 817.52, 817.57
817.61-.68, 817.81-.88, 817.89, 817.91-.92, 817.95, 817.97,
817.99
817.131
817.150-817.176
817.180, 817.181
823.12, 823.13

Chapter III Reclamation Plan

This chapter summarizes the reclamation plan, both interim and final. It should include commitments and specific references to the detailed designs for reclamation contained in Chapters IV-XI.

Sections to be addressed in this chapter:

- I. Proposed Postmining Land Use(s), Acreage to be Reclaimed and Timing and Sequence
- II. Structure Removal and Site Clean Up
- III. Backfilling and Grading
- IV. Drainage Control--including sediment control, channel restoration
- V. Topsoil Redistribution and Surface Preparation--including testing and amendments
- VI. Revegetation--including seeding, mulching, planting, irrigation, etc.
- VII. Monitoring and Maintenance--including water, vegetation, erosion

Regulations to be addressed in Chapter III:

- UMC 784.11(b)
- 784.13(a), (b)(1)(3)-(5), (b)(8)
- 784.14(a), (b), (d)
- 784.15
- 784.16(a)(1)(i)-(iii), (a)(2)(iv), (a)(3)(iv), 784.16(b)(1), (b)(2), (c), (d), (e)
- 784.22
- 784.23(a), (b)(13)
- 785.17(b)(2), (b)(6), (b)(9)
- 800.11-.50 Bonding
- 817.11
- 817.13-817.15
- 817.21, 817.24, 817.25
- 817.41-817.49, 817.52, 817.53, 817.56, 817.57
- 817.81-.88, 817.91-.92
- 817.95, 817.97
- 817.100
- 817.101, 817.103, 817.106
- 817.111-.117
- 817.132
- 817.133
- 817.150-817.176
- 823.11(c), 823.14, 823.15

Chapter IV Engineering Designs

This chapter should include all environmental baseline data, consultant reports, engineering designs and calculations which support and amplify commitments and plans presented in Chapters II and III. Detailed cost estimates for bond calculations should also be included in this chapter.

Sections to be addressed in this chapter:

- I. Baseline Environmental Description
- II. Detailed Designs and Calculations
- III. Demonstration of Compliance with the Performance Standards

Regulations to be addressed in Chapter IV:

UMC 783.12(a)
784.13(b)(2)
783.24(c)
783.25(h)
784.11(a)
784.25
817.61-.68
817.81-.85
817.91
817.92(a)
817.93
817.101, .103, .106
817.150-.176
817.180
817.181

Chapter V Hydrology

This chapter should include all environmental baseline data, consultant reports, designs and calculations dealing with hydrology which support and amplify commitments and plans presented in Chapters II and III.

Sections to be addressed in this chapter:

- I. Baseline Environmental Description
- II. Detailed Designs and Calculations
- III. Demonstration of Compliance with the Performance Standards
- IV. Description of Probable Hydrologic Consequences

PERMIT APPLICATION--PREPARATION PLANT

Regulations to be addressed in Chapter VI:

UMC 783.13, -.14
783.15-783.17
783.24(g)
783.25(b), (f), (g), (j)
784.13(b)(9)
784.14(c)
Detailed designs relating to 817.43-817.47, 817.49
Supporting documentations 817.92(b)

Chapter VI Soils

This chapter should include all environmental baseline data, consultant reports, designs and calculations dealing with soils and or prime farmlands which support and amplify commitments and plans presented in Chapters II and III.

Sections to be addressed in this chapter:

- I. Environmental Baseline Description
- II. Detailed Designs and Calculations
- III. Demonstration of Compliance with the Performance Standards

Regulations to be addressed in the Chapter VII:

UMC 783.21
783.27
785.17(b)(1), (b)(3), (b)(5), (b)(7), (b)(8)
817.21-.25
823

Chapter VII Vegetation

This chapter should include all environmental baseline data, consultant reports, designs and calculations dealing with vegetation which support and amplify commitments and plans presented in Chapter III.

Sections to be addressed in this chapter:

- I. Environmental Baseline Description
- II. Detailed Designs and Calculations
- III. Demonstration of Compliance with the Performance Standards

Regulations to be addressed in Chapter VIII:

UMC 783.19
783.24(f)
817.100, .111-.117

Chapter VIII Wildlife

This chapter should include all environmental baseline data and consultant reports dealing with wildlife which support and amplify commitments and plans presented in Chapters II and III.

Sections to be addressed in this chapter:

- I. Environmental Baseline Description
- II. Demonstration of Compliance with the Performance Standards

Regulations to be addressed in Chapter IX:

UMC 783.20
783.25(b)
817.97

Chapter IX Climate, Air Quality, Cultural Resources, Land Use

This chapter should include all environmental baseline data and consultant reports dealing with climate, air quality, cultural resources or land use which support and amplify commitments and plans presented in Chapters II and III.

Sections to be addressed in this chapter:

- I. Environmental Baseline Description
- II. Demonstration of Compliance with the Performance Standards

Regulations to be addressed in Chapter X:

UMC 783.12(b)
783.18
783.22
783.24(i), (j), (k)
783.25(b)
784.13(b)(9)
784.17
784.26
817.95
817.133