

ALABAMA SURFACE MINING COMMISSION
PERMIT APPLICATION
INDEX GUIDE

Permit Map

Jesse Creek Mining, LLC
Marvel Mine
ASMC Permit Number: P-3989

Part I **Administrative**

- A. Identification
- B. Ownership and Control
- C. Property Ownership, Interests and Rights
- D. Permit Area Information
- E. Public Notice and Availability for Inspection

Part II **Environmental Resources Information**

- A. Fish, Wildlife and Environmental Values
- B. Cultural, Historical and Archeological Resources
- C. Threatened and Endangered Species
- D. Lands Unsuitable for Mining
- E. Geology
- F. Groundwater Hydrology
- G. Surface Water Hydrology
- H. Probable Hydrologic Consequences Determination
- I. Land Use Information
- J. Vegetation Information

Part III **Operation and Engineering**

- A. General Operation Information
- B. Engineering Plan
 - 1. Existing Structures
 - 2. Ponds, impoundments, banks, dams, and embankments
 - 3. Diversions
 - 4. Excess Spoil
 - 5. Transportation Facilities
- C. Blasting Plan
- E. Hydrologic Monitoring Plan
- F. - J. Hydrologic Reclamation Plan
- H. Subsidence Control Plan

Part IV **Reclamation Plan**

- A. Postmining Landuse
- B. Grading and Contouring
- C. Revegetation

Part V **Bonding**

Part VI **Verification of Permit Application**

Part VII **Final Verification of Permit Application**