

<b>DIVISION OF MINES</b>	<b>CHAPTER: VI Operator Assistance</b>
<b>PROCEDURES MANUAL</b>	
	<b>PROCEDURE NO: 1.06.02</b>
	<b>ISSUE DATE: January 1, 1997</b>
<b>SUBJECT: Map Submittals</b>	<b>LAST REVISED: 10/00</b>

### **OBJECTIVE AND INTENT**

To provide accurate and complete mapping as required by the Mine Safety Act and to ensure a permanent record of such mapping in order to enhance miner and public safety.

### **GENERAL**

1. Maps may be submitted to the Keen Mountain Office, the Big Stone Gap DM office or the client Assistance Center in Big Stone Gap.
2. The Division of Mines will simultaneously review maps with MSHA where this procedure is applicable.
3. Interested persons (Operator, UMWA, MSHA, etc.) may request conferences regarding maps, if they desire.

### **PROCEDURE**

#### **1. UNDERGROUND MAPS: REQUIREMENTS**

- Mine maps are required prior to commencing mining activity and at intervals not to exceed 12 months.
- The operator must submit three copies of an up-to-date, accurate mine map.
- The annual map must include:
  - a. Scale between 100 ft. and 400 ft. to 1 inch.
  - b. Mine name, company name, and mine index number at or near the portal.
  - c. Legend and symbols used.
  - d. Delineate active and worked out areas of the mine.
  - e. Mining projections for at least 12 months.
  - f. Location of gas wells, vertical ventilation holes and all known drill holes.
  - g. Adjacent mine workings within 1000 ft. of the mine property. Overlying and underlying mine workings with interburden and/or elevations (prefer same scale as submitted maps).
  - h. Impoundments of water in overlying mine workings and on the surface.

- i. Direction of air current and quantity of air current at the following locations:
    - (1) entering and leaving each split;
    - (2) in the last open crosscut of each set of entries and rooms;
    - (3) at the intake end of each set of entries and rooms; and
    - (4) at the intake end of each pillar line, including any longwall or shortwall.
  - k. All mine fans and ventilation controls, except temporary controls on working sections.
  - l. Escapeways, primary and secondary.
  - m. Property lines and outcrop within 1000 ft. of any part of the mine workings.
  - n. Elevations and contour lines (shown at each 10 ft. elevation interval).
  - o. Name of person responsible for information on the map.
  - p. Certified by a registered engineer or registered surveyor.
  - q. The Chief may require other information to be included on mine maps.
- If there have been no changes in the information required for the annual map submittal as outlined above, then the operator must notify the Division of Mines in writing.
  - After the mine maps have been reviewed and approved:
    - a. The Office Services Specialist for Operator Assistance will complete an approval letter.
    - b. One copy of the map will be stamped approved and returned to the operator with the approval letter.
    - c. One copy will be filed in the Operator Assistance Section on the first floor of the DMME building in Big Stone Gap.
    - d. One copy will be filed in the inspector's files at Big Stone Gap or in the Keen Mountain Field Office.

## 2. SURFACE MINE MAPS: REQUIREMENTS

- Operators of surface mines must submit a copy of an up-to-date accurate mine map at intervals not to exceed 12 months if the mine intersects underground workings or workings from auger, thin seam, or highwall mining operations.
- The annual map must include:
  - a. Scale of 100 ft. to 400 ft. per inch.
  - b. Mine name, company name, and mine index number.
  - c. Legend and symbols used.
  - d. Delineate active and worked out areas of the mine.
  - e. Mining projections for at least 12 months

- f. The location of underground workings, or workings from auger, thin seam, or highwall mining operations which may be intersected.
- g. Certified by registered engineer or registered surveyor.
- h. Such other information related to surface activities as deemed necessary by the Chief.

- If the surface coal mine does not meet the criteria for submitting a map, written notification of this shall be forwarded to the Chief.

### 3. MINE MAPS (FURNISHING COPIES)

- Copies of active mine maps will be made available at a reasonable cost to all persons owning, leasing, or residing on or having an equitable interest in surface areas of coal or mineral interests within 1,000 ft. of such mining operation upon written proof to the Director and upon sworn affidavit that such persons requesting a map has a legal or equitable interest.
- Persons requesting copies of mine maps must complete the “Request For Release of Mine Map” form available at the Client Assistance Center in Big Stone Gap.
- Only such portion of the map which abuts or is contiguous to the property in which such requesting party has a legal or equitable interest will be furnished.
- Copies of active mine maps will be made available at a reasonable cost to any party with the permission of the operator.

### 4. MINE MAPS (PERMANENT RECORD)

- Once a mine is abandoned and a final map is submitted, the final map is placed on microfilm for permanent record. The microfilm can be viewed and printed upon request in accordance with provision of 45.1-161.64 C and F. Some charges may apply.