



OTHER POLLUTION SOURCES

## OTHER POLLUTION SOURCES

Several other small polluting sources exist within the watershed, however, the magnitude of the polluting load is difficult to ascertain. It is felt that the overall contribution of pollution to Mead Run from these sources is negligible.

### ABANDONED DEEP MINE SLUGGERS

At least five unnamed abandoned mine openings exist within the boundaries of the active mine drainage. permit No. 3067BSM 38. All the openings are caved and can be located only by the subsidence at the mouths of each drift. It was reported by the District Mine Conservation Inspector that these drifts discharge only during periods of high runoff with pH readings from 4.0 to 5.7. These drifts discharge into the tributary on which weir 13 is located. From the sampling data for weir 13 it can be deduced that these slug loadings do not seriously degrade the tributary or Mead Run itself. Further evidence to support this claim results from the observation of brook trout in this tributary. These openings can be sealed to prevent these slug discharges as shown in the "Abatement Measures and Costs" section but it appears that the cost of sealing these openings will not justify the slight reduction of pollution.

### SMALL REFUSE PILES

Several small areas of mine refuse are also located within the watershed, primarily between weir 10 and weir 11 and between Mead Run and Shawmut Road. The piles are relatively small in size and appear to be practically leached

out as no pollution was in evidence emanating from the piles. As these refuse piles are of a minor nature and do not appear to severely affect the watershed, no abatement procedures are recommended at this time.