

DEBRIS DISPOSAL

Non-coal non-toxic debris and trash will be used as backfill in the portals. Salvageable steel, concrete and other construction materials will be removed from the mine site to a salvage yard or regulated landfill, if not needed for portal backfill. Any remaining liquid waste will be removed to the appropriate regulated disposal facility.

Coal stockpiles will be sold. Any coal residue will be collected with a front-end loader, motor grader, or bulldozer. The residue would be shale and sandstone rock mixed with small amounts of coal. This residue would be ideal for the use of backfilling the portals.

All debris, acid-forming and toxic-forming materials constituting a fire hazard are disposed of by a local waste removal company such as Waste Management or Baker Sanitation. Grease, lubricants, paints, flammable liquids, etc. are collected on a regular basis by a certified hazardous material collection company such as Safety Kleen.

SEALING MINE OPENINGS

The portals (mine openings or entrances into the King II & King III Mines) are constructed using combinations of steel beams, concrete, wire mesh, roof bolts and shotcrete as approved by the Mine Safety & Health Administration (MSHA) in various Ground Control Plans. Additional sealing measures may be required by MSHA such as the use of approved seals, as approved in the MSHA Ventilation Plan. During reclamation activities, all portals will be backfilled and sealed against inflows of surface water and access by animals or people. Coal stockpile residue on the permit area will be scraped from the surface and either used for backfill inside the portals or transported to the approved refuse piles at the King I mine. This will limit the presence of any potential acid-forming or toxic materials in backfilled and re-graded area and minimize potential contamination of topsoil and revegetation. The four portals at the King II mine and three portals the King III mine are each approximately 17 feet wide by 8 feet high. To fill them to a depth of 25 feet will require about 882 cubic yards of material plus a small amount to account for sloughing at the inby end. Total portal backfill may require approximately 1000 cubic yards of material. After back-filling to a depth of 25 feet from the portal, the mouth of the portals will be caved to completely seal them. The area will then be backfilled, graded, smoothed over and seeded to closely approximate the original contour of the hill into which the portals have been opened.