

## PREVIOUSLY STUDIED AMD ABATEMENT PLANS

Four abatement plans presented in the FWPCA Report were studied in detail. These consisted of the following combinations of applicable preventive and treatment measures

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| Abatement Plan I   | - | Collect and treat all AMD discharges from Study Area.   |
| Abatement Plan II  | - | Reconstruct stream channels in all stream infiltration areas; excavate and restore all subsidence areas; bury all refuse material and restore selected strip mines; construct surface water diversion ditches around selected strip mines; collect and treat all remaining AMD after construction of preventive measures. |
| Abatement Plan III | - | Reconstruct stream channels in all stream infiltration areas; excavate and restore all subsidence areas; bury all refuse material and restore all strip mines; collect and treat all remaining AMD after construction of preventive measures.   |

- Abatement Plan IV
- Construct impermeable seal on ground surface of that portion of Study Area that contributes ground water to deep mine workings; reconstruct stream channels, excavate and backfill subsidence areas, move all refuse material, and backfill all strip mines to accommodate construction of impermeable seal.

Abatement Plan II was recommended in the FWPCA Report on the basis of both initial and long term costs, together with the fact that stage construction of applicable preventive measures was possible. The locations of abatement measures comprising the recommended plan are noted on Plate I.