



The Coal
Authority

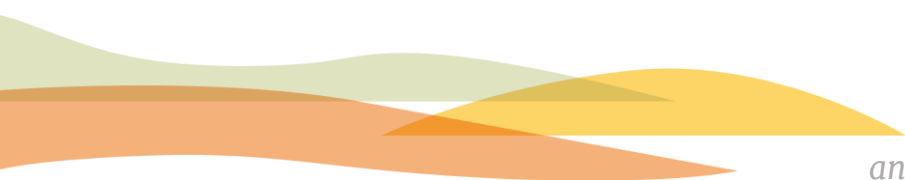
Minewater Treatment Civil Engineering, Refurbishment & Minor Works – Early Engagement

- A brand new or major refurbishment of a Minewater treatment scheme, which may include;
 - Aeration systems – typically cascade structures
 - Settlement lagoons
 - Reed beds / wetland areas
 - Sludge handling facilities
 - Inlet and outlet structures and liner systems to the settlement lagoons and wetlands
 - Interconnecting channels and pipelines
 - Access roads and footpaths
 - Associated drainage works
 - Pumping infrastructure
 - Mechanical and electrical works for schemes where pumping to remote treatment area or from underground workings is required
 - Chemical dosing systems where required
 - Landscaping works, fencing and signage

Note: This list is indicative only

- Refurbishment and upgrade of existing mine water treatment schemes, which may include;
 - Refurbish pumping infrastructure – pumps, pipework, valves
 - Refurbish electrical infrastructure – panels, cabling etc.
 - General building improvement to pumping stations including installation / refurbishment of building services
 - Flow monitoring structures
 - Mine water capture works, including collection chambers at existing discharge points
 - Installation of lagoons / reedbeds / sludge drying beds
 - Metalwork, gridding, hand railing etc.
 - Replacement of lagoon liners
 - Upgrade of existing access roads and footpaths
 - Refurbishment and upgrade of drainage
 - Refurbishment of landscaping works, fencing and signage
 - Refurbishment of chemical dosing systems where required.

Note: This list is indicative only



*Making a **better future** for people
and the environment **in mining areas***