



Oaky Creek Coal (OCC) Turkey Nest

Client:

Glencore

Project Duration:

8 Weeks

Enquires:

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Results > Delivered

In order to reduce loss of water and to stop ground water contamination, Oaky Creek mine required a designated water storage dam / turkey's nest to assist in achieving underground mining safety protocols in the event of a fire.

The successful management of water is key to OCC mining operations and safety. After identifying site suitable areas and managing strict design criteria, piped inlet structures were designed and installed to regulate any potential surges from high water run off events.

HDPE liner was also installed to further enhance the design criteria, reduce erosion and allow for ease of scheduled maintenance. All design and construction objectives have been met and complies with OCC's emergency water storage plans.

Key Deliverables:

- Identify site suitable area
- Excavation and disposal of unsuitable material
- Importing and placement of dam suitable materials
- Sub contractor management for install of HDPE liner
- Compaction and soil testing management
- Supply and install heavy duty perimeter fencing
- Supply and install concrete slabs, foundations of pump house and thrust blocks
- Supply of as built excavation, as-constructed and compaction testing