

# **Mine Closure Planning**

# **Company Overview**

James Bailey & Associates Pty Ltd (JBA) is an environmental and planning consultancy which services the mining, energy, transport, construction and related industries.

In early 2022, JBA merged with Xenith Consulting Group, a move which was founded on the desire to grow the complementary services that both companies can deliver. Xenith provides technical project management and advisory services to it's clients and is currently expanding its Environmental, Social and Governance team to provide a fully integrated end to end service.

We provide a broad range of environmental and planning services for all phases of project development.

Our team also provides environmental auditing and management services across the entire range of environmental and social areas applicable to our client's operations.

### The services we provide:

- Impact Assessment and Environmental Approvals Pre-feasibility studies, Environmental Impact Statement
   (EIS), Review of Environmental Factors (REF), Public
   Environment Reports (PIR), licensing and other
   regulatory approvals.
- Environmental Reviews and Auditing Independent regulatory compliance audits, Internal due diligence environmental compliance audits, acquisition and divestment due diligence audits, risk assessment and Environmental Management System (EMS) establishment and maintenance auditing.
- Corporate Environmental Services Strategic advice, strategic regulatory and stakeholder consultation, environmental and sustainable development reporting.
- Stakeholder Engagement and External Affairs Strategic advice, planning approvals integrated programs, social impact assessments, tailored programs for specific activities and project phases and Indigenous community stakeholder consultation.
- Water Management and Licensing Surface water drainage evaluation and assessment, erosion and sediment control plans, groundwater monitoring and assessment and water licence reviews, applications and accounting.
- Environmental Management and Reporting Management plans, site operating plans, extraction
  plans, annual reports, monitoring programs, EMS,
  rehabilitation and closure, waste and greenhouse gas
  management.
- Mine Closure and Decommissioning Planning -Strategic advice, rehabilitation and decommissioning costing, establishment of rehabilitation objectives and completion criteria, final landform and land use evaluations, preparation and implementation of mine closure plans.





## Our Key Audit Team

JBA has several staff with specific expertise in the specialist field of mine closure. Just some of these are listed below:

### **James Bailey**

James Bailey is the Manager of JBA and has over 40 years' experience in the mining industry. His experience covers the entire spectrum of mine related activities including planning and design, approvals, construction, operation and mine closure.

James has directed over 100 major environmental assessments on the eastern seaboard of Australia and is responsible for successfully securing planning approvals for some of the largest mining operations in NSW.

#### **Nathan Cooper**

Nathan Cooper is a Principal Environmental Scientist with over 17 years' experience in environmental management at mine sites in NSW and QLD.

Nathan has a thorough working knowledge of the regulatory framework in relation to mine closure and works with several financial assurance models. Nathan has particular expertise in final landform design, mine rehabilitation and post mining water management.

#### **Dorian Walsh**

Dorian Walsh is a Principal Environmental Scientist with 17 years' experience in environmental consulting in NSW and QLD.

Dorian's key areas of expertise include environmental impact assessment and the preparation of management documents for mine closure planning and implementation.

He has also assisted JBA clients in developing compliance and risk management tools to support site rehabilitation and mine closure outcomes.

#### Andrew Wu

Andrew Wu is a Senior Environmental Scientist with over 10 years' experience in mine site environmental management primarily in the mining industry in NSW.

Andrew not only has an environmental management degree but also an engineering degree. He has particular expertise in the preparation of mine closure plans, post mining water management assessments, High Risk Activity Statements in relation to tailings dams approvals and the conduct of financial assurances for mine closure.

### Why Choose Us?

### Our dedicated team of environmental and planning consultants:

- Has in excess of 125 years combined environmental impact assessment and planning approvals experience.
- Has worked for over 100 clients in New South Wales including 80 audits and 120 environmental assessments.
- Holds extensive practical project site and consulting experience across NSW and in many other jurisdictions in Australia as well as internationally.
- Has successfully managed the environmental approval's process for some of the largest mining projects in Australia each with complex technical, sensitive environmental and challenging social issues.
- Applies a strategic approach to work which is designed to identify and manage approval and operational risks.
- Establish tailored project teams by supplementing our in-house skills with specialist sub consultants selected to suit the individual needs of each project.
- Are centrally based within the Hunter Valley of NSW.

Our work is founded on practical site experience and an in-depth knowledge of mining, environmental impact assessment, stakeholder consultation and regulatory systems. We apply a strategic approach to projects which is designed to identify and manage approval risks. This approach is critical in today's challenging political and regulatory environment.





### **Contact Details**

Further details concerning our services are available on our corporate website: www.baileyassociates.com.au

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