
1 March 2023

Mr Joe Fittell
Team Leader – Energy and Resource Assessments
Department of Planning and Environment
4 Parramatta Square, 12 Darcy Street
PARRAMATTA NSW 2150

Dear Joe

**Dartbrook Mine
Appointment of Persons to Prepare Management Plan**

Dartbrook Operations Pty Ltd (DOPL) is the operator of the Dartbrook Mine located in the Upper Hunter region of NSW. DOPL manages Dartbrook Mine on behalf of AQC Dartbrook Management Pty Limited, which is the holder of Development Consent DA 231-07-2000.

DOPL is currently reviewing its environmental management plans in preparation for the scheduled recommencement of construction and mining activities in 2023. DOPL has engaged James Bailey & Associates (JBA) to prepare the Air Quality and Greenhouse Gas Management Plan required by Condition 6.1(f) of the Development Consent. JBA is a specialist environmental consultancy and has been involved with the environmental management of Dartbrook Mine for more than 15 years.

Condition 6.1(f)(i) requires that the Air Quality and Greenhouse Gas Management Plan must “*be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Secretary*”. Accordingly, DOPL seeks the Secretary’s endorsement of the following JBA personnel:

- James Bailey, Director; and
- Andrew Wu, Senior Environmental Engineer.

Curricula vitae (CVs) for the nominated persons are appended to this letter.

Please feel free to contact me if you require any further information.

Regards

Dartbrook Operations Pty Ltd



Jeff Beatty
General Manager

Attachments: CVs for the nominated JBA personnel

Areas of Expertise:

- Due Diligence and Strategic Advice
- Project Approvals and Permitting
- Environmental Impact Assessment
- Environmental Management Strategy and Regulatory Policy
- Environmental Resourcing Needs Analysis
- Development and Implementation of Environmental Management Systems
- Environmental Compliance Auditing
- Land Access, Acquisition and Property Management
- Mine Rehabilitation and Closure Planning
- Development and Implementation of both Predictive and Real Time Environmental Management & Monitoring Systems
- Stakeholder Consultation
- Corporate Affairs

Qualifications:

- Certified Environmental Practitioner and Impact Assessment Specialist (REAP), since 2022
- RABQSA Environmental Management & Compliance Auditor Accreditation, since 2005
- Masters in Business Administration, Deakin University, 1998
- Short Course in Environmental Law, University of Sydney Law School, 1995
- Environmental Management, Minerals Industry Key Centre for Mines, UNSW, 1993
- Open Cut Examiners Certificate of Competency, TAFE, 1989
- Water Resources Engineering 1, University of Newcastle, 1985
- Bachelor of Natural Resources, University of New England, 1982

Career Highlights:

- James has 40 years' experience as an environmental professional preparing environmental impact assessments primarily in the mining industry but also for clean energy and other infrastructure projects.
- His work experience in the mining industry has covered the entire spectrum of mine related activities, including mine planning and design, gaining the necessary regulatory approvals, mine construction, mine operation and closure.
- He has been responsible for the preparation of numerous State Significant Development Application Environmental Impact Statements, Statements of Environmental Effects and Review of Environmental Factors throughout NSW and QLD.
- James has highly developed community liaison skills and has successfully implemented numerous community relations' strategies. Further, as a result of his credibility with Government and his strong relationships with senior bureaucrats, James has regularly been provided the opportunity to comment on the direction of environmental regulatory policy.
- Prior to becoming a Director of Hansen Bailey (now James Bailey & Associates), James was the Manager of Environmental Services for Rio Tinto Coal Australia, one of the largest coal mining companies in Australia. In this role James was responsible for the management of a team of 14 environmental professionals servicing seven operating mines in NSW and QLD.

- James has had extensive international experience in gaining planning and other approvals for mining, quarrying and major infrastructure projects.

**Employment
History:**

JAMES BAILEY & ASSOCIATES (HANSEN BAILEY), Singleton (2004 – present)
Company Director

Environmental Impact Assessment / Development Applications

- Bengalla Modification 5 (Current)
- Ashford Coking Coal Project Strategic Advice & Approvals
- GRAWTS Project Planning Approval (Current)
- Bloomfield - Rix's Creek North Project (Current)
- Singleton Shire Council Strategic Planning Statement (Current)
- KORES - Wallarah 2 Coal Project Wallarah Post Approvals
- Bloomfield - Rix's Creek North Landform Modification
- Idemitsu Australia Resources - Boggabri LOM Project (Current)
- Epuron - Bowmans Creek Wind Farm EIS
- Glendell - Mt Owen to Ravensworth Pipeline Modification
- Bloomfield - Rix's Creek Mine South Continuation - Post Approvals
- GPPH - Yancoal - Environmental Constraints for PFS (2019)
- Bloomfield - Rix's Creek Mine South Continuation Extension of Time Modification (2019)
- AQC - Dartbrook Mine MOD7 to facilitate Bord & Pillar Mining (2019)
- Glencore (NSW) – Liddell Mine Modification to extend planning approvals footprint and alter Mine Rehabilitation Strategy (2018)
- AQC - Dartbrook Mine Open Cut & Underground Pre-Feasibility Studies (2018)
- Manildra - Castlereagh Hub Planning Approvals Advice (2018)
- Bengalla Mining Company (NSW) – MOD 4 to facilitate amendments to water management and coal handling systems (2018)
- Glencore (NSW) – Integra Underground Modification to extend long wall mining (2018)
- Glencore (NSW) – Integra Land Subdivision Assistance (2018)
- Bengalla Mining Company (NSW) – Bengalla Mine Modification to facilitate alterations to infrastructure layout (2016)
- Glencore (NSW) – Glendell Mine Powerline Relocation Modification (2016)
- Bengalla Mining Company (NSW) – Bengalla Mine Modification to facilitate alterations to infrastructure layout (2016)
- KORES (NSW) – Wallarah 2 Coal Project preparation of Amendment to Planning Application (2016)
- Glencore (NSW) – Ravensworth Operations High Risk Activity Statements (2016)
- Wongawilli Colliery Five Year Mine Life Extension Section 75W (2015)
- Glencore (NSW) – Greater Ravensworth Area inter operational Tailings Management Strategy Stage 2 Modifications (2015)
- Glencore (NSW) – Greater Ravensworth Area inter operational Tailings Management Strategy Stage 1 Modifications (2015)

**Employment
History (cont.):**

- Rio Tinto (NSW) – Bengalla Mine Review of Environmental factors for optical fibre cable and powerline relocations (2015)
- Rio Tinto (NSW) – Bengalla Mine Modification to facilitate alterations to the approved height of the Main Overburden Emplacement Area (2015)
- Rio Tinto (NSW) – Bengalla Mine Modification to facilitate alterations to water management infrastructure and the relocation of an explosive’s facility (2015)
- Anglo American (NSW) – Drayton Life of Mine Extension NSW Gateway Certificate Application (2015)
- Anglo American (NSW) – Drayton Life of Mine Extension Part 4 of Division 4.1 Environmental Impact Statement (2015)
- Wollongong Coal (NSW) – Russell Vale Colliery Underground Expansion Project & Longwall 6 Determination assistance (2015)
- Shenhua Australia (NSW) – Watermark Coal Project Responses to Residual Matters, Post approvals and Determination assistance including assistance with both Merit Review and Determination Planning Assessment Commission Hearings (2014)
- Rio Tinto (NSW) – Bengalla Continuation of Mining Project Residual Matters, Post approvals and Determination assistance including assistance with both Merit Review and Determination Planning Assessment Commission Hearings (2014) KEPCO (NSW) – Bylong Coal Project Part 4 of Division 4.1 Environmental Impact Statement, Response to Submissions and assistance with PAC Merits review (Current)
- Whitehaven Coal (NSW) – Maules Creek Modification to Development Consent for minor changes to infrastructure (2014)
- Idemitsu Australia Resources Pty Limited (NSW) – Muswellbrook Coal Mine Relocation of Office Complex Modification (2014)
- Glencore (NSW) – Ravensworth Operations Final Landform Modification to Project Approval (2014)
- Anglo American (NSW) – Drayton South Coal Project assistance with both Merit Review and Determination Planning Assessment Commission Hearings (2014)
- Xstrata Coal (NSW) – Ravensworth Operations Extension to Mining Area Project Approval Modification (2014)
- Idemitsu Australia Resources Pty Limited (NSW) – Muswellbrook Coal Mine Extension to Mine Life Modification Environmental Assessment (2014)
- KEPCO (NSW) – Bylong Coal Project NSW ‘Gateway Application’ to develop a Greenfield open cut and longwall coal mine (2014)
- Rio Tinto Coal Australia (NSW) – Bengalla Mine Life of Mine Extension Part 4 of Division 4.1 Environmental Impact Statement (2014)
- KORES (NSW) – Wallarah 2 Coal Project assistance with Merit Review and PAC (2014)
- Shenhua Australia Holdings Pty Limited (NSW) – Watermark Project Part 4 of Division 4.1 Environmental Impact Statement (2013)
- Anglo American (NSW) – Drayton South Coal Project Part 3A Environmental Assessment (2013)
- Idemitsu Australia Resources Pty Limited (NSW) – Boggabri Coal Mine Increase in Height of Overburden Emplacement Area Part 3A Modification Environmental Assessment (2013)

**Employment
History (cont.):**

- Idemitsu Australia Resources Pty Limited (NSW) – Boggabri Coal Mine Extension of Mine Life Part 3A Modification Environmental Assessment (2013)
- Anglo America (NSW) – Drayton Mine Extension Modification No. 2 Environmental Assessment (2012)
- Anglo America (NSW) – Dartbrook Open Cut Pre-feasibility Study (2012)
- Yancoal Pty Limited (NSW) – Moolarben Mine Preferred Project Report (2012)
- Rio Tinto Coal Australia (NSW) – Bengalla Mine Rehabilitation Emplacement Area Modification Environmental Assessment (2012)
- Idemitsu Australia Resources Pty Limited (NSW) – Muswellbrook Coal Mine Area C Extension Modification Environmental Assessment (2012)
- Coalpac Pty Limited (NSW) – Invincible Mine Public Road Coal Haulage Modification Environmental Assessment (2012)
- Idemitsu Australia Resources Pty Limited (NSW) – West Muswellbrook 2nd Prefeasibility Study (2012)
- Aston Resources (NSW) – Maules Creek Mine Environmental Assessment including Planning Assessment Review (2012)
- Idemitsu Australia Resources Pty Limited (NSW) – Boggabri Coal Continuation of Mining Environmental Assessment including Planning Assessment Review (2012)
- Bloomfield Collieries (NSW) – Goonbri Coal Exploration Review of Environmental Factors (2012)
- Coalpac Pty Limited (NSW) – Cullen Valley Invincible Consolidation Environmental Assessment including Planning Assessment Review (2012)
- Xstrata Coal (NSW) – Bulga Coal Development Consent Modification (2011)
- Aston Resources (NSW) – Maules Creek Strategic Project Approvals and Environmental Management Advice (2011)
- Felix Resources (NSW) – Ashton Coal Mine Strategic Project Approvals and Environmental Management Advice (2011)
- Cockatoo Coal (NSW) – Bylong Exploration Review of Environmental Factors (2011)
- Yancoal (NSW) – Moolarben Coal Exploration Review of Environmental Factors (2011)
- Anglo Coal (NSW) – Compilation of environmental component of an Expression of Interest for an Exploration Licence (2009)
- Anglo Coal (NSW) – Drayton Mine Extension Modification Environmental Assessment (2009)
- BHP Billiton (NSW) – Mount Arthur Coal Consolidation Project Environmental Assessment (2009)
- Robert Bird & Associates (NSW) – Review of Environmental Factors for Upgrades to the Great Northern Railway Line (2009)
- Coalpac Pty Ltd (NSW) – Temporary Coal Production Increase Statement of Environmental Effects (2009)
- Xstrata Coal (NSW) – Bulga Coal Environmental Component of Pre-feasibility Study (2009)

**Employment
History (cont.):**

- Muswellbrook Coal Company (NSW) – Development Consent Modification Statement of Environmental Effects for Modifications to Mine Plan (2009)
- West Muswellbrook Exploration Project (NSW) – Environmental Component of Pre-feasibility Study and Assessment Lease Application (2008)
- Centennial Coal (NSW) – Mandalong Modification to Development Consent to increase production, modify infrastructure and rationalise existing development consent EA.
- Xstrata Coal (NSW) – Provision of strategic planning approvals advice related to planned extensions of operations at an underground coal mine in the Western Coal Fields of NSW (2009)
- Centennial Coal (NSW) – Compilation of environmental component of an Expression of Interest for an Exploration Lease to DPI.
- Bengalla Mining Company (NSW) – Modification to Development Consent Environmental Assessment (including Bengalla Link Road) (2008) Centennial Coal (NSW) – Mannering Environmental Assessment to gain planning approval for bord and pillar underground mine and surface facilities including extensive consultation program involving over 900 affected residents.
- Xstrata Coal (NSW) – Peer Review of Moolarben Environmental Assessment (2008)
- Bengalla Mining Company (NSW) – Wantana Extension Statement of Environmental Effects (SEE) and consultation program (2008)
- Centennial – Mandalong Modification to Development Consent EA to increase production, modify infrastructure and rationalise development consent (2008)
- Centennial Coal (NSW) – Newstan SEE to gain planning approval for additional longwall underground panels and consultation program (2007)
- Anglo American (NSW) – Drayton Mine Expansion Environmental Assessment and Post Approvals (2007)
- Bengalla Mining Company (NSW) – Explosives Storage Facility SEE (2006)
- Bengalla Mining Company (NSW) – Modifications SEE, consultation program and post-consent approvals (2006)
- Rio Tinto Coal Australia (NSW) – Provision of strategic planning approvals advice in relation to the progression of the development of Mt Pleasant Mine (2006)
- Bengalla Mining Company (NSW) – Mine Plan Modifications SEE and associated stakeholder consultation program for increased production (2006)
- Muswellbrook Coal Company (NSW) – Provision of strategic planning approvals advice, development of land acquisition strategy and responsible for grant of Assessment Lease for the West Muswellbrook Project (2006)
- Hunter Valley Operations Mine (NSW) – Project management of a Part 2 Schedule 3 Non-Designated Development Application to the NSW Government (2006)
- Awaba Coal Mine (NSW) – Provision of strategic planning approvals advice.
- Xstrata Coal (NSW) – Compilation of environmental component of an Expression of Interest for an Exploration Licence (2006)
- Wambo Coal Mine (NSW) – Responsible for progressing the post approvals requirements for the Wambo Coal Mine (2006)
- Mt Pleasant Coal Mine (NSW) – Validation of the Mt Pleasant Development Consent (2005)

- Employment History (cont.):**
- Preliminary Environmental Constraints Analyses for various feasibility studies in Upper Hunter, Gunnedah and central-West regions of NSW (2005)

Environmental Auditing

- Xenith - Olive Downs Project - Environmental Review of Feasibility Study (2019)
- Glencore Mt Owen Complex - EPBC Compliance Audit Report (2019)
- Enviroking Waste Facility - Independent Environmental Regulatory Compliance Audit peer review (2019)
- Glencore Mangoola Coal - Independent Environmental Regulatory Compliance Audit peer review (2019)
- Daracon - Martins Creek Quarry - Independent Environmental Regulatory Compliance Audit peer review (2019)
- Bengalla Mining Company (Bengalla) IEA Preparation Assistance (2019)
- Emirates Hotels – One & Only Wolgan Valley – EPA Compliance Audit (2019)
- Xenith - Watermark Coal Mine - Due Diligence Audit (2019)
- White Rock Wind Farm Independent Environmental Regulatory Compliance Audit peer review (2018)
- Duralie Mine Independent Environmental Regulatory Compliance Audit peer review (2018)
- Stratford Mine Independent Environmental Regulatory Compliance Audit peer review (2018)
- Peabody - Wambo Coal Independent Environmental Regulatory Compliance Audit peer review (2017)
- Sparke Helmore Lawyers – Internal environmental compliance review of a dangerous goods storage facility based in Newcastle (2017)
- StoneCo Timor Limestone Quarry – Upper Hunter Council Independent Environmental Regulatory Compliance Audit peer review (2017)
- Bengalla Mining Company (NSW) – Bioremediation Audit (2017)
- Glencore (NSW) – Baal Bone Rehabilitation Cost Estimate Tool Audit (2017)
- AQC – Dartbrook Rehabilitation Cost Estimate Tool Audit (2017)
- Boggabri Coal – Internal environmental regulatory compliance audits peer review (2016-2017)
- Glencore (NSW) – Ulan Coal Mine – Independent Environmental Regulatory Compliance Audit peer review (2016)
- Glencore (NSW) – Liddell Colliery Independent Environmental Regulatory Compliance Audit peer review (2016)
- AMCI (NSW) Chain Valley and Mannering Collieries – Independent Environmental Regulatory Compliance Audits peer review (2016)
- Glencore (NSW) – Ulan Independent Environmental Regulatory Compliance Audit peer review (2016)
- Rio Tinto (NSW) – Bengalla Mine Rehabilitation Audit Actions Review (2015)
- RioTinto NSW Coal Assets Due Diligence Audit (2015)

Employment History (cont.):

- Centennial Coal (NSW) – Charbon Colliery DP&I Regulatory Compliance Audit peer review (2015)
- Xstrata Coal (NSW) – Tahmoor Colliery DP&E Regulatory Compliance Audit (2014)
- Peabody Resources (NSW) – Wambo Coal Mine DP&E Regulatory Compliance Audit (2014)
- Peabody Resources (NSW) – Wilpinjong NSW Office of Water Licensing Audit (2014)
- Centennial Coal (NSW) – Lamberts Gully Mine DP&I Regulatory Compliance Audit (2013)
- Xstrata Coal (NSW) – Ulan Coal Mine DP&I Regulatory Compliance Audit (June 2013)
- Idemitsu Australia Resources Pty Limited (NSW) – Muswellbrook Coal Internal Regulatory Compliance Audit (2012)
- Minarco Asia Pacific (NSW & QLD) – Due Diligence Audit of Ashton, Austar, Moolarben and Yarrabee coal mining operations (2012)
- Xstrata Coal (NSW) – Liddell Coal DP&I Regulatory Compliance Audit (2012)
- Xstrata Coal (NSW) – Beltana Underground Internal Regulatory Compliance Audit (2012)
- Xstrata Coal (NSW) – Bulga Operations Internal Regulatory Compliance Audit (2012)
- Centennial Coal (NSW) – Lamberts Gully Mine DP&I Regulatory Compliance Audit (2011)
- JT Boyde (NSW) – Whitehaven NSW Coal Operations Due Diligence Audit (2011)
- JT Boyde (NSW) – Centennial Northern & Western Coal Operations Due Diligence Audit (2010)
- Alpha Natural Resources (NSW) – Whitehaven Coal Due Diligence Audit (2010)
- JT Boyde (QLD) – Kevin’s Corner Coal Project Due Diligence Audit (2010)
- Minarco Asia Pacific (Sth America) – Glencore Colombian Coal Assets Due Diligence Audit 2010)
- Xstrata Coal (NSW) – Westside Mine Regulatory Compliance Audit 2010 (2010)
- JT Boyde (SA) – Meandu Mine Due Diligence Audit Confidential Uranium Project (2010)
- Boral Site Compound (NSW) – Investigation of Reportable Environmental Incident (2009)
- Xstrata Copper (Philippines) – Tampakan Quarterly EMS Compliance Audits (2008 & 2009)
- Minarco Asia Pacific (NSW) – Ashton Coal Mine Due Diligence Audit (2008)
- JT Boyde (QLD) – Kunioon Coal Project Due Diligence Audit (2008)
- Pincock, Allan and Holt (QLD) – Nabarlek Project Due Diligence Audit (2008)
- Minarco Asia Pacific (SA) – Honeymoon Project Uranium Mine Due Diligence Audit (2008)
- Xstrata Coal (NSW) – Tahmoor Colliery Department of Primary Industries - Mineral Resources (DPI) End of Panel Report LW24B Audit (2008)
- Pincock, Allan and Holt (WA) – Spinifex Ridge Molybdenum Project Due Diligence Audit (2007)
- Centennial Coal (NSW) – Newstan Colliery, Tahmoor Colliery and Angus Place Colliery DoP regulatory compliance audits (2007)

**Employment
History (cont.):**

- Xstrata Coal (NSW) – Baal Bone Colliery Regulatory Compliance Audit (2007)
- Xstrata PLC (NSW) – Newpac Colliery Due Diligence Audit (2007)
- Xstrata Copper (Philippines) – Tampakan Regulatory Compliance Audits (2007 & 2008)
- Newpac Colliery (NSW) – Internal Environmental Compliance Audit (2007)
- Xstrata Coal (NSW) – DoP required audits of three mines and internal regulatory compliance audits of seven mines (2006)
- Wambo Coal Terminal (NSW) – Regulatory Compliance Auditing (2005)
- Kinmont Engineers (NSW) – Regulatory Compliance Auditing (2005)
- JT Boyde (QLD) – Clermont Mine Project Environmental Due Diligence Audit (2005)
- Minarco Asia Pacific (QLD) – Foxleigh Wash Plant Project Environmental Due Diligence Audit (2005)
- Minarco Asia Pacific (NSW) – Glennies Creek Colliery Environmental Due Diligence Audit (2004)
- Minarco Asia Pacific (QLD) – Carborough Downs Coal Project Due Diligence Audit (2004)
- Millennium Mine Project (QLD) – Millennium Coal Project Environmental Due Diligence Audit (2004)
- Minarco Asia Pacific (QLD) – Foxleigh Coal Project Due Diligence Audit (2004)

Surface Water Hydrology and Mine Water Management

- Glencore MTO Hunter Unregulated WSP Advice (2019)
- NSW Minerals Council - General Advice - Water Sharing Plan Review (2019)
- Mt Arthur Mine Rehabilitation Strategy Review (2016)
- Bengalla Mine assistance with water management review (2016)
- Developed Reverse Osmosis desalination offset strategy for major NSW Greenfield Coal Mine to offset water losses from sensitive regulated water catchment
- Project management of numerous surface and groundwater studies for both open cut and underground mining operations in NSW and QLD
- Pre-Feasibility water management assessments for Bulga Coal, West Muswellbrook, Drayton South, Bengalla Mine and Dartbrook Open cut mines
- Undertook a water access and management options study for a greenfield open cut coal mining project in a sensitive setting in the Upper Hunter Valley of NSW
- Preparation and delivery of a paper to the industry on the potential for water sharing within the NSW Mining Industry for the NSW Minerals Council
- Prepared a submission for the NSW Minerals Council to the Central Coast Coalfields Inquiry into the impact of both open cut and underground coal mining on the Central Coast Water Supply

Archaeology and Cultural Heritage

- Project management of numerous Archaeology and Cultural Heritage studies for both open cut and underground mining operations across NSW
- Pre-Feasibility Archaeology and Cultural Heritage assessments for Bulga Coal, West Muswellbrook, Drayton South and Dartbrook Open cut mines

**Employment
History (cont.):**

- Provision of advice regarding the required consultation and assistance with the preparation of numerous Archaeological and Cultural Heritage Management Plans
- Provision of strategic advice and due diligence peer reviews of Section 90 Applications for the salvage of Aboriginal archaeological relics
- RTCA Coal Mining Operations (NSW) – Responsible for the gaining of all required Section 87 and Section 90 Clearance Permits under the National Parks and Wildlife Act (1974) to conduct its coal mining business in NSW (2004 to 2007)

Stakeholder Consultation

- AQC - Stakeholder Consultation Co-ordinator for the Dartbrook Mine
- Appointed as company representative on the Daybrook Mine Community Consultative Committee
- Coalworks (NSW) – Stakeholder Consultation Co-ordinator for the West Ferndale Exploration Project
- Boral (NSW) – Appointed by the NSW Department of Planning as the Independent Chair of Berrima Coal Community Consultative Committee
- Muswellbrook Coal Company (NSW) – Stakeholder Consultation Co-ordinator for the West Muswellbrook Project
- Boral (NSW) – Appointed as Chairperson of Dunmore Sand and Soil Community Consultative Committee by Department of Planning
- Muswellbrook Coal Company (NSW) – Land Acquisition Coordinator for the West Muswellbrook Exploration Project
- Boral (NSW) – Appointed as Chairperson of Dunmore Quarry Community Consultative Committee by Department of Planning
- Rio Tinto Coal Australia (NSW) – Preparation of community newsletters
- Sydney Gas (NSW) – Provision of strategic advice and development of a stakeholder consultation program for the AGL/SGL Bulga Gas Exploration Project
- Centennial Coal (NSW) – Develop and implement a community consultation program for a proposed open cut coal mine involving over 150 stakeholders
- Centennial Coal (NSW) – Develop and implement a community consultation program for a proposed underground coal mine involving over 950 stakeholders
- Prepared and Directed stakeholder consultation strategies for several major mining projects in QLD and NSW
- Regularly arranged meetings for key clients with senior regulatory officials

Other

- Boggabri Coal Mine Review of Mine Rehabilitation Management Procedures
- Bengalla Mine State & Federal Biodiversity Management Plan
- Australian Pacific Coal - Dartbrook Underground - Mining Lease Renewal Assistance (2019)
- Development of Bengalla Mining Company Long Term Biodiversity Offsets Strategy Security
- Strategic advice in relation to the acquisition and recommencement of mining at the Dartbrook Coal Mine

**Employment
History (cont.):**

- Assistance with the development of an ultimate final landform strategy at Liddell Mine
- Development of the Bengalla Agricultural Company Business Plan
- Strategic advice in relation to the development of the Drayton Mine Closure - Mine Operations Plan
- Idemitsu Boggabri Coal Pty Limited (NSW) – Preparation of strategic planning approvals advice for Boggabri Coal Mine
- NCIG Port (NSW) – Provision of strategic environmental management advice.
- Ashton Coal Operations Pty Ltd (NSW) - Provision of strategic environmental management and approvals advice
- Wambo Coal Terminal (NSW) – Strategic environmental management advice
- Kinmont Engineers (NSW) – Develop EMS documentation for the business
- Preparation of DPI required Mining Operation Plans, Subsidence Management Plans and Annual Environmental Management Reports for numerous mining clients
- Assistance with the preparation of EMS's for numerous mining clients
- Xstrata Coal (NSW) – Provision of strategic environmental management human resourcing advice
- Bengalla Mining Company (NSW) – Conduct of a Sustainable Development workshop to meet Rio Tinto Coal Australia requirements for project approval.
- Xstrata Coal (NSW) – Peer Review Project Approval Application and associated Environmental Assessment document of an adjoining mining proposal
- Numerous referrals to and determinations by Federal Department of the Environment under the EPBC Act including assessments by the recently formed Independent Environmental Scientific Committee

**Previous
Employment
History:**

COAL & ALLIED LIMITED (2001 -2004)

Manager Environmental Services

This role involved the establishment and management of a team of environmental specialists providing environmental support to all of Coal & Allied (CNA) interests.

The core purpose of the environmental services team was to plan, coordinate and manage all environmental aspects of the business to ensure statutory and company environmental commitments were met and that community expectations were addressed.

James' key responsibilities included:

- Maintaining full regulatory compliance across the business.
- Negotiating and securing all necessary approvals and licences for CNA to conduct and grow the business
- Development and implementation of an Environmental Management System across all CNA operations
- Monitoring and reporting the environmental performance of the business to stakeholders
- Liaising with and gaining the support of Aboriginal stakeholders in relation to CNA's mining activities
- Managing CNA's closed collieries and developing and implementing mine closure strategies

Previous Employment History (cont.):

- Ensuring that environmental considerations were incorporated into business planning processes
- Introducing the principles of sustainable development into the business
- Engaging all CNA's stakeholders with the aim of improving CNA's corporate image
- Implementing Rio Tinto's response to the Global Mining Initiative
- Developing and implementing CNA's Environmental Research Program

BENGALLA MINE (1995 – 2001)

Environmental Manager

James was responsible for the environmental management of the development and operation of a six million tonne per annum open cut coal mine in what was considered the most environmentally sensitive location in NSW at that time. He also had corporate level environmental management responsibility for Peabody Resources.

His responsibilities included the planning, co-ordination and control of the environmental aspects of Bengalla Mine to ensure statutory and company environmental commitments were met and community expectations were addressed.

- James' responsibilities included:
- Gaining all of the necessary environmental regulatory approvals for the construction and operation of the mine
- Maintaining full environmental regulatory compliance throughout the construction and operation of Bengalla mine
- Designing and implementing an Environmental Management System for the mine to ISO 14001 Standards and gaining ISO 14001 Certification for the first large-scale construction site in the world
- Introducing a culture of best practice environmental management at Bengalla Mine
- Developing and implementing a performance-based incentive scheme for best practice environmental management across the Bengalla team
- Fulfilling environmental and reporting requirements
- Developing and implementing mine rehabilitation and landscape programs
- Developing and implementing a Stakeholder Relations Strategy to ensure the support of the community, Government and other such interested stakeholders
- Conducting regular media interviews and appearances showing Bengalla to be responsive to community issues
- Involvement in the development and implementation of the mine's land acquisition strategy to provide transparency, consistency and equity for the mine's neighbours
- Project managing the design, construction and implementation of the first internationally recognised and award winning fully integrated real time environmental monitoring system
- Developing and managing the Bengalla Agricultural Company (BAC) which employed 10 full time staff with an annual turnover of \$2 million
- Designing and supervising the construction of a sophisticated water management system for Bengalla Mine on time and within the project budget of \$10 million
- Directly responsible for a capital budget of \$15 million during the construction phase of the mine and management of an Environmental Operating Budget of \$2.2 million per year

**Previous
Employment
History (cont.):**

RAVENSWORTH MINE (1987 – 1995)
Environmental Officer

James was employed as Peabody Australia's first environmental representative in the capacity of Environmental Officer based at Ravensworth Mine.

James' responsibilities included:

- Gaining the necessary regulatory approvals and ensuring full regulatory compliance
- Implementation and maintenance of an extensive environmental monitoring program
- Planning and coordinating the mine's rehabilitation program
- Preparing budgets
- Engaging and supervising contractors
- Managing water makes and usage
- Overseeing all operational activities that had the potential for environmental impact
- Raising the profile of environmental management across other business units
- Project managing several multi-million-dollar civil construction projects

PPK ENVIRONMENTAL & INFRASTRUCTURE, Singleton (1982 – 1987)
Environmental Engineer

In this role James was responsible for the project management of major civil contracts in environmentally sensitive locations.

James' responsibilities included:

- Supervision of the construction of civil projects
- Quality control of construction activities
- Materials testing and geotechnical investigations
- Conducting environmental monitoring programs
- Project Management of major civil projects including all of the civil earthworks associated with the construction of Howick Mine

Countries

Worked In: *Australia (QLD, SA, WA and NSW), USA, Canada, Mexico and Philippines*

Areas of Expertise: Energy sector environmental assessments and approvals
Environmental and planning law
Surface water and groundwater

Qualifications: Bachelor of Engineering Science / Bachelor of Law,
University of Technology, Sydney, 2011

Career Highlights: Eleven years of project management experience with environmental planning applications
Fulfilled the role of Environmental Advisor at Bengalla Mine on secondment
Completed an internship within Rio Tinto Coal Australia as a member of its project approvals team in the Hunter Valley
Project Manager for the NSW and Commonwealth applications for the Wallarah 2 Coal Project
Project Coordinator for the Drayton South Coal Project Environmental Assessment
Project Manager for Modifications 7 and 8 to Integra Underground Mine

Employment History: **JAMES BAILEY & ASSOCIATES (HANSEN BAILEY), Singleton (December 2011 - Present)**
Environmental Engineer

Environmental Planning Approvals

- Project Manager for Wallarah 2 Coal Project (approved 16 January 2018), including its NSW planning applications, EPBC Referral and post-approval requirements;
- Project Coordinator for the preparation of the Drayton South Coal Project EA;
- Project Manager for applications associated with Glencore's Greater Ravensworth Area Water and Tailings Strategy;
- Preparation of Environmental Impact Statement for proposed Bowmans Creek Wind Farm;
- Project Manager for Modification 7 to Dartbrook Mine including Section 75W modification application, EPBC Referral (deemed not a controlled action) and subsequent Land and Environment Court appeal;
- Project Manager for Modification 7 and Modification 8 to Integra Underground Mine, (approved in September 2017 and April 2018, respectively) including preparation of Site Verification Certificate application, Section 75W modification application and EPBC Referral (deemed not a controlled action);
- Project Coordinator for the Russell Vale Colliery Underground Expansion Project, including preparation of a Residual Matters Report (dated 20 June 2015), EPBC Referral (dated 10 July 2015) and Commonwealth Environmental Impact Statement (dated 14 April 2015);
- Project Coordinator for the Russell Vale Colliery Modification 2, including preparation of a 'split' EPBC Referral (approved 24 December 2014) and Extraction Plan (approved 16 February 2015);
- Project Coordinator for the preparation of the Continuation of Bengalla Mine Environmental Impact Statement, including the Project Manager role for the surface water, groundwater and regulatory aspects;

- Project Manager for Modification 5 to Bengalla Mine;
- Prepare Mining Operations Plans (MOPs) for Ravensworth Operations and Dartbrook Mine;
- Prepare regulatory environmental management plans for several operations including Bengalla Mine, Russell Vale Colliery, Dartbrook Mine and Ravensworth Operations;
- Preparation of an Erosion and Sediment Control Plan for the construction of a sediment dam at Liddell Coal Mine;
- Project Coordinator role for the Russell Vale Colliery Underground Expansion Project including management of the surface and groundwater impact assessments;

Employment History (cont.): ***ENVIRONMENTAL DEFENDER'S OFFICE (NSW), Sydney***
(July 2010 – November 2011)

Volunteer paralegal

- Prepare Court Documents for high profile cases:
 - *Snowy River Alliance v Water Administration Ministerial Corporation*;
 - *Western Sydney Conservation Alliance v Penrith City Council* (ADI site case); and
 - *Hunter Community Environment Centre v Minister for Planning and Delta Electricity* (Munmorah Power Station).
- Provide advice on major pollution cases in Papua New Guinea:
 - Kiunga-Aiambak forestry case;
 - Ramu Nico deep sea tailings placement case; and
 - Lake Kutubu contamination.

RIO TINTO COAL AUSTRALIA, Singleton (November 2010 – February 2011)

Vacation Student – Project Approvals

- Writing and compiling the 2010 Annual Environmental Management Report for Mount Pleasant Project;
- Compliance reports for Mount Pleasant Project, Hunter Valley Operations and Mount Thorley Warkworth coal mines;
- Preparation of materials for Mount Pleasant Community Consultative Committee meetings; and
- Assessment of Ground Disturbance Permits.