

**DEREK LOW****SENIOR ENVIRONMENTAL CONSULTANT**

Background

Derek has worked in the environmental field since 2007, across projects in the infrastructure, remediation and manufacturing sectors. During that time, he has prepared and implemented environmental management plans and environmental assessments, managed compliance, overseen subcontractors and utilized a wide variety of monitoring techniques. Derek has extensive first-hand experience in large, high-risk projects and their related effective control measures. He is conversant with NSW environmental legislation and recognized standards and is a certified Associate Environmental Auditor. Derek's roles have also exposed him to a broad spectrum of stakeholders including contractors, community groups, government departments and consultants.

Qualifications

- Master of Environmental Engineering Management, University of Technology Sydney.
- Bachelor of Environmental Management, Macquarie University.
- Associate Auditor Environmental Management Systems, Exemplar Global (formerly RABQSA).

Expertise

- Environmental Management Systems
- Preparation and implementation of CEMPs and sub plans
- Environmental auditing
- Contaminated site management
- Site environmental management and monitoring
- Environmental impact assessment.

Professional Development and Certifications

- Management System Auditing (ISO 19011), NCSI / RABQSA.
- Leading Management System Audit Teams, NCSI / RABQSA.
- Industrial Radiation Safety Officer Course, ANSTO.
- Basic Hazard and Operability Studies (HAZOP), Planager.
- Erosion and Sediment Control – Water Management on Construction Sites, Centre for Environmental Training / IECA.
- Introduction to Air Quality, Clean Air Society of Australia and New Zealand.
- Drive in difficult terrain using advanced techniques / 4WD drive and recovery, 4WD Academy.
- Occupational Health and Safety Consultation, National Safety Council of Australia.
- Occupational Construction Induction Training Certificate, General Induction, WorkCover NSW.

Relevant Project Experience

WOLFPEAK PTY LTD (JUNE 2017 - CURRENT)

(Sydney, NSW)

Role Senior Environmental Consultant

Key achievements

- Independent Environmental Representative, Inland Rail – Parkes to Narromine Project. Provide independent review of environmental plans and construction works, and provide guidance and advice to avoid or minimise environmental risks and compliance issues.
- Senior Case Manager, Department of Planning and Environment. Foster major projects through the assessment process. Provide project management, program support and performance reporting for infrastructure, key sites and industry teams, and coordinating other State agencies to resolve issues during the assessment process.
- Auditor, various clients. Carry out independent compliance audits on a range of State significant projects against the requirements of the project approval and environmental management plans in accordance with AS/NZS ISO 19011. Projects include the Moorebank Intermodal Project and Inner Sydney High School Redevelopment.
- Environmental planner, TransGrid. Complete multiple environmental assessments for various proposed projects relating to the upgrades to TransGrid's substation and transmission line network, including on client-side whilst on temporary secondment.
- Environmental support, Northern Beaches Hospital Connectivity and Network Enhancement Project. Drive environmental leadership and continual improvement and promote the benefits of early integration of environmental processes and controls into project works. Undertake environmental monitoring and inspections, audits and reviews to ensure compliance with contract deliverables, conditions of consent and applicable legislation.

CPB CONTRACTORS PTY LTD (OCTOBER 2016 – JUNE 2017)

WestConnex New M5

(Sydney, NSW)

Role Senior Environmental Advisor

Key achievements

- Assist in the leadership of environmental management of the Project by providing clear and robust advice on environmental risks and controls to the design, community and construction teams and various subcontractors.
- Deliver environmental and planning approvals to ensure the project's environmental commitments and statutory requirements are achieved.
- Develop and implement strategies, plans and procedures; authorize activities; prepare and deliver presentations and specific training, and provide on-site supervision.
- Represent the organisation in stakeholder interfaces including client meetings, community information forums, council meetings and informal and formal regulatory audits.
- Undertake environmental, health and safety monitoring and inspections, audits and reviews to ensure compliance with Project/industry/client requirements.
- Apply specialist knowledge of planning and regulatory frameworks and technical issues to project works.
- Report, investigate and implement corrective actions for environmental incidents.

ORICA LIMITED (JULY 2012 – MAY 2016)

(Sydney, NSW)

Role Environmental Management System Lead - Botany

Key achievements

- Managed environmental legislative commitments on site, obtaining full compliance for two consecutive years.
- Lead the approval process for the beneficial reuse of 55,000m³ of remediated soil helping enable commercial land sale, and for a program for the decontamination and recycling of Persistent Organic Pollutant impacted drums.
- Implement the Environmental Management System for project works. This includes the development, training, implementation, reporting, audit and review of plans and protocols, conduct risk assessments, and support project works to minimise impacts.
- Oversee requirements under the multiple statutory frameworks relating to planning and development, environmental

protection, workplace safety and water supply; including over 1000 project specific conditions, four Major Project Approvals, two Environment Protection Licenses and multiple development consents.

- Liaise with regulators, project personnel, internal departments, consultants, subcontractors and property lessees on environmental and planning issues.

Role (secondment from Orica) Principal Analyst, State Government Independent Pricing and Regulatory Tribunal, Water Licensing and Compliance.

Key achievements:

- Development and implementation of the 2016 audit program, reported to the CEO, and a consolidated compliance tracking system, capturing 24 licensees.
- Deliver detailed research and technical analysis to ensure the effective administration, licensing and compliance of activities under the Water Industry Competition Act 2006.
- Manage the planning and delivery of complex reviews, Ministerial briefs, and publicly available discussion papers, templates and guidance material to streamline assessment and compliance processes.
- Prepare policy to improve effectiveness and efficiency of IPARTs regulation of the sector, present these to the Tribunal for endorsement, and implement them accordingly.

PARSONS BRINCKERHOFF (APRIL 2007 – JULY 2012)

(Various, Australia)

Role Environmental Scientist

Key achievements

- Rhodes / Homebush Bay Remediation Projects, NSW. Delivery of the environmental and occupational monitoring program, management of staff and equipment and OHS Committee Chair. The program included 28 different monitoring methods for a range of pollutants (water, air toxics, dust, noise and vibration), completing routine and incident inspections, same day incident reports, and weekly and monthly OHS & environmental performance reports. Project works consisted of excavation of >450,000 m³ of contaminated soils over area of 15 ha (from bay and land) and the thermal treatment of >200,000t of material in two DTD plants.
- Occupational / Environmental Assessments and Management Plans for various proposed and active project works. The assessments comprise carrying out detailed research into existing environments (including sampling and monitoring as needed), detailing relevant legal requirements and best practices control measures for the management of potential environmental risks. Sectors span power generation and distribution, construction (road / rail / property), waste and sewage transfer and disposal, defence and manufacturing.
- Transmission Cable Alliance and Glenfield Junction Alliance, NSW. Develop and contribute to environmental assessments and environmental management plans, participate in Safety in Design reviews, manage onsite environmental issues for multiple sites including monitoring and sampling, site inspections, audits, inductions and training and project management of contractors and consultants, incident response, investigation and reporting.
- Bridges to Prosperity Tutuluru Suspension Footbridge, East Timor. Foreman. The site is located approximately 115 km south of Dili. Leading a team, of between 10 and 30 non-English speaking locals from surrounding tribes, to complete foundation works using local materials and equipment. The bridge, completed in 2012, spans 79 metres and links remote tribes to essential services.