

STAFF RESUME: EN035

Career Summary

An environmental manager with approximately 4 years of experience in the environmental industry, including consulting and operational roles helping clients obtain planning approvals, meet assessment and compliance obligations and improve environmental performance.

Key Areas of Expertise

- Project management
- Environmental strategy, planning and implementation: environmental management systems (EMS) (ISO 14000), environmental management plans (EMPs) and procedures
- Impact assessment
- In-field environmental management: construction & operational EMPs, risk assessments, inspections of plan implementation
- Surface water quality and groundwater monitoring, soil sampling, waste auditing
- Using TurboCad, ArcGIS, Stormwater Management Model (SWMM), Sage ERP-AccPac, Blastware and SLM
- Training, induction & presentation

Professional History

Out-Task Environmental (September 2016 – to date)

Environmental Scientist (casual)

Mincarb in association with Novel Aquatech (March 2017 to August 2017)

Environmental Engineer

- Assisting in the design, modelling and building of a wastewater treatment system to meet regulatory requirements

Various P/T or temporary roles (September 2015 – Jul 2017)

Data Administrator, Sales & Admin, Technical Assistant

- Due to ill health and some personal circumstances, not able to obtain suitable or relevant environmental work in Sydney or inter-state

University of Sydney (August 2014 – March 2015)

Planning Assistant for Dr Paul Jones

- Undertake the studies required at each stage of the development project activity cycle; define the main forms of unplanned settlement areas such as squatter and informal settlements and outline key characteristics
- Collect data of social, economic and environmental indicators for the urban upgrading project of a squatter settlement in a Pacific Member nation
- Preparation of a Project Design Document (PDD) including key sections and matters addressed to adequately meet the project aims and objectives (including a Logical Frame)

SRC Solutions, Sydney (March 2014 - June 2014)

Trainee Work Health and Safety (WHS) Officer (part-time)

- Part of the Certificate IV – WHS course. Undertook a number of WHS audit and inspections at building construction sites (under the supervision of QHSE Manager) and then issued work instructions in order to achieve compliance

ABI Group (Lend Lease) (March 2013 – December 2013)

Environmental Advisor, M5 South Western Motorway Widening in Sydney

- Liaison with Occupational Health & Safety experts to ensure a hazard free working environment
- Review and development of environmental policies and procedures relevant to the project
- Conducting environmental inspections and recommending mitigation measures in relation to soil and water management, housekeeping, storage of chemicals and dangerous goods, etc
- Participated in environmental audits headed by the proponent or Independent Verifier
- Developed and amended environmental control maps in consultation with external specialists
- Conducting noise and vibration monitoring, day and night near sensitive receivers to ensure compliance according to EPL conditions and Noise Management Levels derived from Sound Advice
- Providing necessary recommendations during tool-box talks to construction crew informing about environmental risks and hazards associated with construction work

First Steps Environmental (August 2011 – January 2013)

Field Environmental Advisor, Origin Energy, Coal Seam Gas Project

- Ensuring all activities were performed in compliance with the requirements of the relevant regulatory conditions, codes and standards, which formed part of the contract and environmental legal obligations
- Conducted water quality monitoring and testing at drill sites and storage basins prior to authorized discharge at approved locations
- Conducted soil sampling from areas affected by accidental spills
- Updated Erosion and Sediment Control Plan in response to altered site activities and changing weather
- Developed Environmental Site Plan for the construction of well pads and drilling activities, e.g. location of flare pits, stockpile area, frack ponds (lining), surface water management and topsoil management
- Communicated with the Field Supervisor and Environmental Manager on a day to day basis to rectify key areas of concern
- Distributed various handouts and short field instructions for achieving a better environmental performance

MCJV, Brisbane (January 2011 – July 2011)

Environmental Advisor (Planning & Approvals), The Narrows Crossing Pipeline Project in Gladstone, QLD

- Preparing Environmental Management Actions Plans (sub-plans) setting out the environmental management requirements with mitigation measures
- Writing environmental protection instructions, work procedures, inspection test plans and checklists;
- Preparing and updating HSE Aspects-Impacts Register of construction activities
- Providing assistance to the Environmental Manager for the development, implementation, review and revision of Project Execution Plan
- Providing necessary work instructions to the construction team in collaboration with the Site Supervisor/Site Superintendent
- Promoting environmental awareness and building a strong environmental culture
- Coordinating the implementation and maintenance of the project's environmental management program;
- Conducting site environmental surveys in relation to rehabilitation of vegetated areas
- Reporting of any non-conformances to the Environmental Manager and ensuring corrective actions are carried out effectively
- Conducting Random Breath Tests (RBT) of workers as per industry standards and procedures

Boulderstone Pty Ltd (October 2010 – December 2010)

Environmental Coordinator (Casual), Bulahdelah Bypass – Pacific Highway Upgrade Program

- Providing necessary advice to the construction team to achieve better environmental performance
- Carrying out environmental inductions and raising environmental awareness among sub-contractors
- Conducting weekly environmental inspections and making necessary recommendations on existing controls
- Conducting noise monitoring and preparing monthly reports with analysis
- Carrying out water quality monitoring at specified locations of creeks and water crossings
- Preparing environmental work method statements, erosion and sediment control plans
- Maintaining environmental documentation by tracking and updating all environmental registers – water quality, noise, dust and heritage & artefacts findings
- Maintaining environmental corrective actions register and updating on a regular basis
- Building positive relationships by proactively liaising with residents, the community and stakeholders (internal and external)

Sydney Water appointed consultant February 2009 – January 2010
Environmental Officer, Western Sydney Recycled Water Pipeline Project
Principal Contractor: McConnell Dowell

- Assisting in implementing the Construction Environmental Management Plan and conducting reviews of the Environmental Management System
- Reviewing site specific Job Safety and Environmental Analysis (Safe Work Method Statements) in relation to different areas of pipelines, bores incorporating sensitive issues such as vegetation, heritage, etc
- Developing the file directory system and streamlining environmental document management
- Providing necessary induction, consultation and information to all Program Delivery personnel to ensure compliance with Environment legislation and Program requirements
- Conducting weekly site inspections, preparing and issuing improvement notifications
- Redeveloping checklists in relation to site establishment and inspection
- Conducting pre-construction environmental audits and site establishment inspections
- Monitoring and maintaining ongoing compliance with legislative conditions and approval
- Obtaining necessary approvals/permits in relation to clearing, relocation and protection of threatened flora and out of hours work
- Attendance and reporting of any environmental incidents and near-misses and developing preventive actions
- Preparing monthly environmental performance and waste reports for stakeholders, both internal and external
- Responding to environmental audits through preparation of corrective actions plans, effective identification and management of environmental risks
- Managing rehabilitation works such as revegetation, turf stabilization, seed broadcasting and hydroseeding, mulching, bio-degradable blanket, and soil binders, etc. under specific work-packs
- Working with specialist sub-consultants engaged during the course of construction (e.g. Dept. of Lands)
- Conducting water quality monitoring according to dewatering procedure
- Preparing site-specific erosion and sediment control plans / soil and water management plans, addendums, etc. and monitoring work execution
- Attending site meetings and inspections with clients and stakeholders in relation to environmental, ecological and heritage issues

Rainbow Group Pty Ltd, Sydney (March 2008 – February 2009)
Project Environmental Engineer, Contaminated Land Remediation

- Planning and execution of remediation work through effective organisation of the plant and site facilities to meet agreed deadlines
- Overseeing quality control and safety matters on site (including management of multiple subcontractors)
- Conducting well development and applied soil vapour extraction and air stripping subject to the nature & extent of contamination
- Preparation of necessary drawings and development of sampling program to conduct Phase I and Phase II Environmental Site Assessments
- Prepared and lodged Development Application under the LG Act 1993
- Prepared Statement of Environmental Effects as part of Development Application for conducting remediation works
- Liaised with relevant consultants, sub-contractors, supervisors, planners, quantity surveyors and other site personnel involved in the project
- Analysis of soil and water sample data for site investigation and validation

Development Design Consultants Ltd, Funded by Asian Development Bank in Bangladesh
(September 2007 – February 2008)
Junior Environmental Engineer – EIA Project, Dhaka-Chittagong 4 Lane Access Controlled Highway

- Worked with Senior Environmental Specialist in preparing Environmental Impact Assessment with a special input in Environmental Monitoring Plan (highly commended by the client ADB);
- Reviewed key environmental indicators, qualitative and quantitative information at the sub-national level distinguishing the problem in different geographic areas, sectors and ecosystems;
- Provided input in the preparation of Final Report covering baseline condition of the corridor of influence, identification of potential impacts on the biophysical and social environment and Environmental Management Plan in the context of design, construction and operational phases with mitigation measures.
- Played active role in conducting Public Consultation to exchange dialogues and obtain site specific information, stakeholder's view and concerns in collaboration with the Roads and Highways Department;
- Conducted official meetings with the Non-Government Organizations to exchange views and ideas on particular localities and hotspots and address the key environmental and social issues such as loss of homestead gardens,
- Data collection from primary and secondary sources for analysing demographic and biophysical environment of the project corridor.

- Actively participated and kept records and minutes of public consultations conducted during the project at urban and rural locations.
- Managed tree counting survey and conducted analysis according to classification of species and girth size within the corridor of impact in compliance with ADB's guideline.
- Managed a number of field monitoring staff, their wages and daily allowances and then reported to project finance manager.
- Supervised air, water and noise monitoring at a number of sensitive areas located in various Unions and subdivisions of Bangladesh.

Education

- Master of Planning, University of Sydney (2014)
- Bachelor of Environmental Engineering, The University of New South Wales (2006)
- Foundation Year (Physical Science), The University of New South Wales (2001)

Accreditations and Certifications

- Certificate III – Business Administration (partial) (2016)
- Certificate IV – Project Management Practice (2016) [pursuing online]
- Certificate IV – Work Health and Safety, Learning Sphere (2014)
- Advanced Microsoft Excel 2007 (2011)
- Work clearance for engineering contractors (2009)
- QUEST – Estimation and Earthworks Program (2009)
- Australian Institute of Petroleum – Work Clearance for Contractors (2008)

Training

- Providing First Aid, CBD College Parramatta (2015)
- Certificate III – Mining and Exploration (4WD) (2011)
- Spill Control and Incident Response (2009)
- Erosion and Sediment Control (2009)