

## **STAFF RESUME: EN038**

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### **Career Summary**

Environmental scientist with over 15 years of post-graduate experience mainly in environmental consulting as a hydrogeologist and contaminated land professional and as an environmental manager for operational sites. She has worked both on major landfills, extractive sites, manufacturing plants and upstream and downstream hydrocarbon facilities.

Worked alongside operators, regulators, and community groups and as a consultant on technical issues. Outcome focused and prides herself on the ability to provide cost effective and practical solutions to multiple environmental issues.

### **Key Areas of Expertise**

- Project management
- Contaminated land assessment and management – Phase 1 & 2 ESAs; GMEs; remediation plans; TEAs
- Hydrogeological assessments
- Technical writing and review of reports
- Environmental strategy, planning and implementation
- Landfill management (gas and leachate assessment and management)
- Site acquisition and divestment, closure and rehabilitation plans
- Dust, water, noise, stormwater, groundwater, cultural heritage and erosion management
- Development and implementation of environmental management plans (to ISO 14001)
- Conducting environmental audits and risk assessment
- Assistant to EPA Appointed Auditor (53V and 53X audits)
- Management of staff and contractors
- Environmental education and community engagement

### **Professional History**

#### ***Out-Task Environmental (October 2017 – to date)***

*Senior Associate Environmental Scientist*

#### ***AGL (December 2015 – October 2017)***

*Environmental Manager*

- Managed the environment component as part of the HSE Leadership Team across the national AGL sites
- Project managed contaminated land assessments, technical investigations, and HSE Audits
- Hazardous substances of concern: UPSS, PCB and PFAS assessments and management
- Incident reduction and investigation management
- Site remediation and closure/rehabilitation plans

#### ***Boral (March 2014 – December 2015)***

*Environmental Manager – Southern Region*

- Managed the environmental component for asphalt, landfill, quarry and concrete sites in the Southern Region (120 sites)
- Project managed contaminated land assessments and health risk assessments

- Provided technical support and advice to the business general managers, planning department and engineers (plus site operators)
- Required reporting (Annual licenses, NPI and NGERs)
- Undertook audits and investigations. Developed EMPs
- Utilised LEAN management to provide project outcomes and problem solving techniques and sustainability projects

***BlueSphere Environmental (March 2013 – September 2014)***

*Senior Associate Hydrogeologist*

- Compiled proposals and scope of works for various contaminated land projects
- Undertook tender submissions
- Conceptual site hydrogeological modelling and reporting
- Reviewed and compiled environment assessment reports
- Groundwater assessment and dewatering plans

***Mandalay Resources (December 2010 – March 2013)***

*Environment and Community Manager*

- Managed the environment and community department
- Project management of the approvals for new large infrastructure and expansion of the mine
- Undertook site environmental risk assessments
- Implemented the environmental management plan and strategy
- Reviewed and compiled environment assessment reports
- Groundwater assessment and dewatering plans

***Cardno Lane Piper (Jan 2008 – December 2010)***

*Senior Environmental Consultant*

- Hydrogeological and environmental assessments for landfills, extractive, petroleum and industrial manufacturing sites in NSW and Victoria – project management and reporting
- Phase 1 and 2 ESAs and multiple GMEs for DNAPL and LNAPL sites
- Environmental audit support and compilation of reports for several large landfill sites and petroleum infrastructure
- Assistant to EPA Appointed Auditor – multiple s53V and s53X audits across Victoria and NSW
- Project management of various contaminated land projects and groundwater resource

***Prominent Hill Mine (December 2006 – December 2007)***

*Senior Environmental Officer*

- Development and implementation of environmental management plans and standard operating procedures
- Implementation and reporting of monitoring requirements under the MARP (including dust, sediment, water and cultural heritage sites)
- Development of well field operations and environmental supervision of airport, camp, treatment plant and power transmission line construction

***Coffey (January 2005 – January 2006)***

*Associate Hydrogeologist/Auditor Assistant*

- Project management of contaminated land projects (mainly government and petroleum clients)
- Organisation and implementation of site assessments
- Site assessment, technical report writing and supervision of staff

***AECOM (URS) (January 2003 – January 2005)***

*Hydrogeologist/Project Environmental Scientist*

- Project management contaminated land projects (focused on downstream petroleum clients)
- Organisation and implementation of site assessments
- Supervising drilling, logging core and installation of bores
- Groundwater, air and soil sampling and monitoring

- Risk and remediation assessment

***Aberdeen University (May 2001 – January 2003)***

*Research Assistant*

- Research assistant for the Rhynie Devonian spring system.
- Field technician including mapping and collection and preparation of samples
- Geographic Information Systems (Mapinfo)
- Compilation and writing of submission for publication

***Exxon Mobil (August 1998 – May 2001)***

*Graduate*

- Upstream petroleum operations and production
- Petrophysicist and basin modelling

**Education**

- Masters of Engineering (Groundwater and Environmental Management), University of Technology Sydney
- Graduate Diploma in Education (Environmental/Science Education) Australian Catholic University
- Bachelor of Science Honours (Earth Science - Hydrogeology), University of Melbourne
- Bachelor of Applied Science with Distinction (Engineering Geology), RMIT

**Accreditations and Certifications**

- Lead auditor accreditation (ISO 14001)
- First aid level 2
- Red card
- URS project manager certification

**Training**

- 24-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Occupational Health & Safety
- 4WD training
- HSE inspire
- Leading with influence
- Six Sigma