

## STAFF RESUME: EN019

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### **Career Summary**

Environmental scientist with over seventeen years' experience working in the environmental consulting industry in Australia and the UK. Specialises in contaminated land assessment both as a field operative and project manager with a strong technical and results based focus. Also possesses significant experience working as a support team member on 53V and 53X environmental audits.

Proven track record working on numerous large and technically complex sites (including retail, distribution and port / terminal facilities) and projects for a range of clients including AGL Energy, ExxonMobil, Shell, Caltex, Port of Melbourne Corporation, MAB Delivery, Places Victoria, Metropolitan Fire Brigade and Western Water.

### **Key Areas of Expertise**

- 53V and 53X environmental audit support
- Phase I and II environmental site assessments
- Soil hazard categorisation & management
- Landfill gas and soil vapour monitoring
- Marine and fluvial sediment investigations
- Contractor supervision (including role of principal contractor site manager)
- Project management
- Analytical and interpretative reporting – including production of Environmental Management Plans (EMPs) and Clean-up to the Extent Practical (CUTEP) reports
- Geographic Information Systems (GIS) mapping

### **Professional History**

#### ***Out-Task Environmental (November 2013 – To date)***

*Managing Director / Associate Environmental Engineer*

- Expert support team member for an EPA Appointed Environmental Auditor for Loy Yang landfill 53V environmental audits, 2014-2018, AGL Energy Ltd
- Expert support team member for an EPA Appointed Environmental Auditor verification of Landfill Monitoring Program - Soil Organic Recycling Facility (SORF), Gippsland Water
- Key client account and project management support

#### ***URS Australia Pty Ltd, Melbourne (July 2006 – September 2013)***

*Senior Environmental Scientist*

- Auditor's assistant on 53X and 53V environmental audits for various clients within Melbourne including Energy Park and Carrington Drive closed landfills, Brimbank City Council (ref: 68897-1)
- Certified project manager for Phase I and II environmental site assessments for various public and private sector clients including government departments, various municipal councils, EPA Victoria, petroleum and gas companies (Kleenheat, Caltex, Mobil and Shell), Metropolitan Fire Brigade and property developers including Places Victoria
- Project manager for fluvial and marine sediment investigations (including acid sulphate soils) at various sites within Victoria, including Webb Dock, Port Melbourne

- Site supervisor on a large variety of contaminated land sites including multi-million dollar environmental investigations for large petrochemical manufacturers and petroleum companies in Victoria
- Field staff for sediment contamination investigation as part of the multi-million dollar shipping channel deepening project, Port Phillip Bay, Melbourne
- Field staff for geotechnical and hydrogeological investigations for renewable energy and mining sector clients in Victoria and Western Australia

***BWB Consulting Ltd, Nottingham, UK (April 2004 – June 2006)***

*Environmental Scientist*

- Site supervisor and project manager for the investigation of contaminated sites in the UK including a large scale site assessment and waste classification exercise on a 'flagship' redevelopment on a large former unlicensed landfill site in Nottingham

***National House Building Council (NHBC), Milton Keynes, UK (November 2003 – March 2004)***

*Environmental Engineer*

- Reviewed third party phase I and II site investigation reports in relation to provision of NHBC Buildmark warranty

***Marine Resources Assessment Group (MRAG), London, UK (2001 – 2002)***

*Fisheries & International Scientific Observer, NAFO and CCAMLR*

- Biological sampling and monitoring compliance with Northwest Atlantic Fisheries Organisation (NAFO) and Commission for the Conservation of Atlantic Marine Living Resources (CCAMLR) Conservation and Enforcement Measures

***National Institute of Agricultural Botany (NIAB), Cambridge, UK (1999 – 2001)***

*Assistant Scientific Officer (plant pathology)*

- Managed DEFRA funded field trials
- Identified pathogens using ELISA and PCR techniques
- Extracted and initiated microbial pathogen cultures

**Education**

- MSc in Environmental Diagnostics, Cranfield University, Silsoe, Bedfordshire, UK, 2002 – 2003
- BSc (Hons) Environmental Biology (2.2), Anglia Polytechnic University, Cambridge, UK, 1992 – 1995

**Accreditations and Certifications**

- URS project Manager Certification

**Training**

- 24-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Occupational Health & Safety and 8-hour refresher courses
- Level 2 Workplace First Aid Certificate
- Worksafe and Foundations For Safety approved Occupational Health and Safety Industry Induction (Red Card)
- Shell Online Induction Part A & B
- Contractor Training, Australian Institute of Petroleum (AIP)
- ExxonMobil, Health and Safety Loss Prevention System
- Maritime Security Identification Card (MSIC) holder
- Fire Extinguisher training
- 4WD Use and Recovery