

## STAFF RESUME: EN003

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### **Career Summary**

Environmental scientist with over thirteen years' experience working in the environmental consulting industry in Australia. Specializes in contaminated land assessment and remediation with a strong technical and results based focus. Also, an experienced landfill liner CQA supervisor.

Proven track record working on numerous large and technically complex sites and projects for a range of clients including ExxonMobil, ORICA and municipal councils.

### **Key Areas of Expertise**

- Phase II environmental site assessments
- Tank excavation and assessment (TEA)
- Soil hazard categorisation & management
- Soil and groundwater contamination remediation (Soil Vapour Extraction (SVE), bio-piling, excavation)
- Operation & maintenance of groundwater treatment and soil vapour extraction systems
- Level 1 supervision of earthworks
- Landfill gas and soil vapour monitoring
- Contractor supervision (including role of principal contractor)
- Project management
- Analytical and interpretative reporting – including production of Environmental Management Plans (EMPs), Remedial Action Plans (RAPs) and Clean-up to the Extent Practical (CUTEP) reports

### **Professional History**

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

*Senior Environmental Scientist*

- Construction quality assurance (CQA) supervisor for landfill cell geomembrane liner installation, Benalla landfill, VIC (4 months)
- Site supervisor for groundwater monitoring events, VIC
- Soil waste hazard categorisation sampling
- Office based reporting support for environmental consultancies, Melbourne

#### ***Golder Associates, Melbourne (February 2007 – May 2013)***

*Project Scientist, Construction / Remediation Groups*

- Remediation site manager and trained permit writer for ExxonMobil Environmental Services (EMES) for groundwater investigation and remediation works associated with a pipeline leak at Champion Road, Williamstown. Included civil works supervision for trenching and groundwater treatment system infrastructure
- Site manager for the remediation of a former council depot and tar pits owned by South Yarra Municipal Council. The works also involved the removal of six USTs and the construction of an associated retaining wall. Remediation techniques used on site included bio-piling, groundwater extraction and air sparging
- Site manager for soil and groundwater investigation works at operational and formerly operational areas at the ORICA explosive manufacturing site at Deer Park

- Supervision of landfill cell construction works at Wollert Landfill, Wollert. Responsible for contractor oversight with regards to works specification and quality assurance of clay and geo-membrane liner integrity
- Geo-synthetic liner QA/QC on the Yallourn Mine river diversion in Morwell

***Salford City Council, Salford, UK (January 2005 – April 2006)***

*Lead Scientific Officer, Environmental Protection Team*

- Regulation of planning related contamination issues with over 100 sites assessed;
- Reviewed planning and contamination conditions and advice to developers
- Aided in the production of risk assessment guides for auditors in the Manchester Area Pollution Advisory Committee (MAPAC) areas. Produced auditors' guides to human health risk assessment tools for contaminated sites, i.e. BP RISC
- Project manager for the assessment of gas risk to a large council estate. Involved application for government funding
- Technical regulatory lead on the proposed residential development of a former British Tar Products site. The site was located on the banks of the Manchester Ship Canal and was heavily contaminated from derivatives of tar processing
- Maintenance of air quality laboratories

***Breckland District Council, Norfolk, UK (October 2001 – December 2004)***

*Contaminated Land Officer, Environmental Protection Team*

- Responsible for the enforcement of the contaminated land regime and provision of expert technical advice to members of the public, the council (particularly the planning department) and developers
- Administrator for the GIS database for Breckland District Council

**Education**

- Msc Environmental Protection, University of Salford, Greater Manchester, UK (2001)
- Bsc (Hons) Geography, Lancaster University, Lancashire, UK (2000)

**Accreditations and Certifications**

- Chartered Environmental Practitioner in Australia and New Zealand (CEnvP)
- Texas Research Institute (TRI) certified geo-synthetic materials and compacted clay liner (CCL) inspector
- Golder Associates, Project Management Certified (PM24)

**Training**

- Level 2 Workplace First Aid Certificate
- Contractor Training, Australian Institute of Petroleum (AIP) – Work Clearance for Contractors
- EMES-Golder permit writer validation
- ExxonMobil, Health and Safety Loss Prevention System
- Mobil Work Control Procedures Certificate of Competence