

STAFF RESUME REFERENCE: EN011

Career Summary

Environmental / natural resource scientist with eleven years' experience working within the environmental consulting industry in Australia. Specializes in contaminated land assessment, freshwater ecology and water quality assessment both as a field operative and project manager with a strong technical and results based focus.

Proven track record working for a range of clients including ExxonMobil, Shell, Caltex, BP, BHP-Billiton, Mandalay Resources, Santos Ltd, Origin Energy, Thales Australia, Goulburn-Murray Water, Greater Shepparton City Council and the Department of Primary Industries and Environment.

Key Areas of Expertise

- Phase I and II environmental site assessments
- Tank excavation and assessment (TEA)
- Soil validation
- Soil hazard categorisation & management
- Hydrological and hydrogeological assessments
- Stream gauging and flow determination
- Sediment investigations
- Salinity / sodicity
- Fish and macro invertebrate ecological survey
- Catchment principles and management
- Contractor supervision (including role of principal contractor)
- Project management
- Analytical and interpretative reporting

Professional History

Out-Task Environmental (June 2014 – To date)

Associate Environmental Scientist / Natural Resource Scientist

- Surface water sampling for annual monitoring program at six recycled water plants (RWPs) for a local water authority

URS Australia Pty Ltd, Tatura (July 2004 – March 2014)

Associate Environmental Scientist / Ecologist

- Project manager for Phase I and II environmental assessments at manufacturing sites for Thales Australia, Tatura Milk Industries, sensitive land use areas for Greater Shepparton City Council and retail / distribution sites for petroleum clients, i.e. ExxonMobil Environmental Services (EMES), Shell Company of Australia and Caltex Australia Petroleum Ltd
- Site supervisor for environmental assessments and monitoring programs for various clients including Tatura Milk Industries, Nuplex (plastics manufacturer) and petroleum clients. Work included Phase I and II soil / groundwater investigations, tank excavation & assessment, aquifer testing (including slug, step-drawdown and constant-rate drawdown pumping tests)
- Production of soil contamination management plans for an ammonia nitrate spill at a manufacturing site (Wesfarmers Insurance)
- Project manager / field team leader for aquatic ecology baseline survey and ecological risk assessment projects for various projects and clients, including BHP Billiton, Carter Holt

Harvey, Goulburn-Broken CMA, Greater Shepparton City Council and Brimbank City Council. Key projects included the Redhill Coal Expansion environmental impact statement (EIS), Glenelg River copper chromium arsenate (CCA) bioaccumulation assessment, the GBCMA VEFMAP fish survey (2010 / 2011), the Shepparton Lakes carp removal and management strategy and the Green Gully water and ecological health quality study

- Project manager for regional groundwater study for Goulburn-Murray Water investigating the potential for highly mobile and leachable pesticides to be present in shallow groundwater resources. The project involved the strategic selection and sampling of more than 100 monitoring / irrigation bores.
- Project manager for salt mobilisation investigation project in Shepparton irrigation region soils for Goulburn-Murray Water.
- Water quality assessment for Benambra Lake, VIC, the Hunter River estuary, NSW. Tasks included conductivity and temperature depth profiling bathymetry analysis
- Hydrological investigation of proposed receiving surface water body (stream) for Costerfield mine disposal option study, Mandalay Resources. Investigation involved assessment of stream condition, flow and ecological health
- Baseline contamination assessment of accumulated silt in GMID irrigation channel network for Goulburn Murray Water Connections Project
- Seconded as field environmental officer to Origin Energy's coal seam gas operations in Spring Gully, QLD. Role included undertaking environmental incident investigations, environmental compliance audits, water monitoring and provision of general environmental advice
- Seconded as groundwater field officer to Goulburn Murray Water. Role included liaison officer for farming community, groundwater licensing (new, amendments and transfer) and senior grants officer
- URS Tatura Office Health and Safety Representative from 2006 to 2014
- Project reporting including GIS spatial mapping of contaminant concentrations (soil and groundwater)
- Contractor and URS staff coordination, client liaison, budget management, GIS (ArcView) management and OH&S co-ordination

Education

- MSc (Environmental Management) Charles Sturt University, 2010
- PGdCert (River Restoration) Charles Sturt University, 2008
- BSc (Ecology) Griffith University, 2003

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
- Shell Online Induction Part A & B
- Shell Distribution Permit Writer
- Contractor Training, Australian Institute of Petroleum (AIP)
- ExxonMobil, Health and Safety Loss Prevention System
- Fire Extinguisher training
- Construction Industry OHS Blue Card (QLD transfers to any state)
- Defensive driver training certified
- 4WD competency (PMASUP286B, RIIVEH305)
- Coxswain certified (commercial boat operator, inland waters, vessels up to 8m)
- AusRivAS accredited, VIC RBA certified
- Senior electrofisher qualified
- Public aggression handling certified