

STAFF RESUME: EN052

Career Summary

Environmental consultant with over 20 years' experience in the diagnosis and remediation of contaminated land. Project work has included both preliminary and detailed site investigations, quantitative health and ecological risk assessment, development of environmental management plans, and remediation of hydrocarbon, metal and per-and polyfluorinated alkyl substances (PFAS) contaminated media.

Has gained valuable experience in many large-scale investigation and remediation projects on a variety of sites with complex legacies of historic contamination including those used for the production and refining of petroleum hydrocarbons, retail petroleum sites, manufactured gas plants (MGPs), Ministry of Defence (MOD) facilities, mining facilities, landfills, power generation and transport facilities. Worked on several high profile PFAS projects and provides risk assessment services and technical advice to clients with regard to effective PFAS management and mitigation. Extensive experience of working in major infrastructure development projects and applying his contaminated sites expertise within those.

Spent several years (2011 to 2015) working as an auditor assistant to two Western Australian (WA), Department of Water and Environmental Regulation (DER) accredited contaminated site auditors (Andrew Lau (JBSG) and Jeremy Hogben (Senversa)) and managed their respective WA portfolio of audits. As well as being responsible for managing the technical review requirements and project management of an extensive audit portfolio for a wide array of clients, directly responsible for authoring several Mandatory Audit Reports (MAR).

Key Areas of Expertise

- Environmental Due Diligence
- Contaminated Land/Desk Studies
- Contaminated Land/Site Investigations
- Human Health Risk Assessment
- Soil Ecotoxicology and Ecological Risk Assessment
- Environmental Management
- Site Remediation
- Contaminated Site Audits (as Auditor Assistant)

Professional History

Independent Consultant, Melbourne, Australia (2019 – present)

Principal Environmental Scientist

- Currently seconded to team on a part time basis (confidential client) providing environmental support during the construction of the Westgate Tunnel and other strategic roads upgrades across Victoria.

Western Environmental Pty Ltd (WEPL), Melbourne, Australia (2018 – 2019)

Company Director and Principal Consultant

- Company Director in charge of Victorian operations.
- Project Director in Western Roads upgrade project providing advance soil and groundwater characterisation and occupational hygiene services.

Edge Group Pty Ltd, Melbourne Australia (2015 – 2018)

Sector Leader Contaminated Sites Group

- Overall responsibility for management of contaminated sites assessment team in Melbourne.
- Project director for environmental site assessments of soil, groundwater, and soil vapour at an active manufacturing facility (and surrounding neighbouring properties formerly owned/leased by the Client), to ascertain stakeholder potential liabilities. At the time of the investigation, the original passive soil vapour survey across the site was the largest single deployment of waterloo membrane samplers in Australia.

JBS&G Australia Pty Ltd, Perth and Melbourne, Australia (2012 – 2015)

Managing Principal

- Auditor Assistant, to Mr Andrew Lau in his capacity as WA Department of Environment and Conservation (DEC) Accredited Auditor.
- Responsible for project management and direction and client liaison from the Perth office (and latterly Melbourne). Further development of skills in site investigation and remediation and health risk assessment.

ERM Australia Pty Ltd, Perth Australia (2011 – 2012)

Principal Environmental Consultant

- Auditor Assistant, to Mr Jeremy Hogben in his capacity as WA DEC Accredited Auditor.
- Responsible for developing strategic project management approaches to streamline the audit practice, liaising with members of the expert support team to ensure effective delivery of cogent audit advice to proponents and other stakeholders of the audit process and completing audit review tasks.

URS Australia Pty Ltd, Perth, Australia (2008 – 2011)

Principal Environmental Consultant

- Principal Consultant directly responsible for the resourcing, line management, performance and career development of 10-12 individuals.
- Project Manager for a Detailed Site Investigation (DSI) at Rio Tinto Lake MacLeod Operations (one of the largest mine leases in WA). The DSI refined the preliminary CSM by providing key information on the source-pathway-receptor linkages at areas that were identified as being potentially contaminated.

Environ UK Ltd, Glasgow, UK (2007 – 2008)

Senior Consultant

- Further developed my skills in human health and ecological risk assessment including assisting with the development of a suite of generic assessment criteria that could be used in site investigations to assess risk posed to health receptors in line with UK QRA guidance.

URS Corporation Ltd, Glasgow UK (2005 – 2007)

Senior Environmental Consultant/Team Leader

- Directly responsible for the technical and administrative delivery of all project output for the URS Scotland Soil and Groundwater Services team.
- Scotland regional coordinator for Exxon-Mobil Retail Site decommissioning works. Full investigation and remediation support for a rolling portfolio of 10-15 sites.

Entec UK Ltd, Glasgow, UK (2003 – 2005)

Environmental Consultant

- Numerous Phase I and Phase II due diligence audits and site investigations on a wide range of industrial facilities across the UK and Europe.

Remedios UK Ltd, Aberdeen, UK (1998 – 2003)

Environmental Scientist

- Developed a sound basis in soil and groundwater sampling techniques, data analysis and evaluation and the process of contaminated land risk assessment and communication.

Education

Bachelor of Science (Soil Science) (Hons) 2:1 – University of Aberdeen, 1998

Accreditations and Certifications

- Certified Professional Soil Scientist (CPSS (S-15681)) – Soil Science Australia (SSA)
- Member Australasian Land and Groundwater Association (ALGA) – Risk Assessment Special Interest Group (RASIG) active member.
- Member Australian Contaminated Land Consultants Association (ACLCA)

Training

- OSHA 29 CFR HAZWOPER 24 hour training – (originally certified in May 2005).
- Australian Institute of Petroleum Work Clearance Programme.
- RBCA for Contaminated Land and Controlled Waters – 16 hour professional training.
- ALGA – Assessment of Petroleum Vapour Intrusion in Australia (2012).
- Exxon Mobil Safety Passport.
- Project Manager Certification and Client Account Management Training (URS Australia).
- Workplace First Aid Training.