

STAFF RESUME: EN033

Career Summary

Engineer with over forty years' experience including twenty-three years' involvement in geosynthetics. Specialist knowledge of geosynthetic lining and environmental projects.

Key Areas of Expertise

- Project Management
- Geosynthetic engineering
- Estimating
- Design / design management

Professional History

Out-Task Environmental (Dec 2015 – To date)

Geosynthetic Engineer

Ertech, Perth, WA (Sept 2003 – April 2015)

Lining Technical Manager

- Ravensthorpe Evaporation Ponds. Ravensthorpe Nickel Project, WA. 4 million m² of 1.5mm HDPE over 4 years. Crew of over 20 personnel. Full installation and CQA.
- Boddington Gold Mine Tailings Storage, WA. 780,000 m² of 2mm HDPE. Crew of up to 30 personnel. Average installation of 12,000 m² per day.
- Red Hill Waste Management Facility, Eastern Metropolitan Regional Council (EMRC), WA. Class 2 landfill (HDPE over GCL liner) and Class IV landfill (multi layered system with drainage layers and leak detection collection system).
- Millar Road landfill, City of Rockingham, WA. 30,000 m² of 1.5mm HDPE over GCL lining system.

Other projects included:

- Ravensthorpe Water Storage Lining and Floating Covers
- Talloman Effluent Ponds Lining and Floating Covers
- Wagga and Tamworth Abattoirs Anaerobic Lagoon Lining and Biogas Covers
- Celeste (CSG) Pond Lining
- KCGM Liner Supply
- Gorgon Site Development & WAPET Landing
- Newhaven Precinct POS lake liner
- Red Hill Floating Covers
- Torquay Recycled Water Storage, Reservoir Lining & Floating Cover
- Apollo Bay Water Storage
- Christmas Creek Fuel Storage Tank Bund Lining
- South Hedland WWTP Upgrade
- FMG Brackish Windich Settlement & Transfer Ponds
- Sinclair Tailings Storage Facility Raise
- Northern Victorian Irrigation Renewal Program
- Lovely Banks Lining and floating covers
- Olympic Dam Tailings Storage Facilities
- Kogan Coal Ash Pond Lining
- NAWMA Landfill lining
- Newman Water Supply Upgrade Stage 1 & 2
- Pedlar Creek Landfill Liner
- Utah Point Berth Project
- Olympic Dam Evaporation Ponds
- Gove Pond 3 Capping
- Alcoa Mudlakes Lining of Surge Pond and Residue Drying Area
- Morangup Contaminated Sites

- Tamala Park Landfill Sage 2
- Charlottes Vineyard, Ellenbrook
- Alcoa Kwinana Residue Area Cooling Pond Lift

Shell Australia Pty Ltd, Perth, WA (Feb 1999 - Mar 2001)

Project Manager

- Hydrocarbon storage and infrastructure projects

Jaylon Installations, Perth, WA (Aug 1992 - Aug 1998)

Lining Manager

- Engineering and installation of numerous lining projects

Hardcastle & Richards Consulting Engineers, Perth, WA (Mar 1988 - July 1992)

Senior Engineer

- Project management of hydrocarbon, industrial and commercial building projects

Mobil Oil Australia Pty Ltd, Perth, WA (Sept 1975 - Mar 1988)

Graduate Engineer to Senior Engineer

- Construction and operation of storage and distribution facilities Australia wide.

Education

- Bachelor of Engineering, University of Western Australia (1974)

Training

- Understanding Contracts
- Legal Compliance Fair Work Australia Act
- Interpersonal Communication Skills
- OHS for Supervisors
- Performance Planning & Development Training
- Understanding Contracts
- Expert Estimation
- JHA Training
- Time Management
- Incident & Accident Investigations & Reporting
- Coaching and Mentoring Skills
- Senior First Aid