



Hydrosolutions Pty Ltd was formed in December 1999 to provide independent hydrogeological and environmental consultancy services, based in Western Australia.

Our staff have a combined experience of more than 30 years in hydrogeological consultancy in Western Australia, the UK and overseas. We have undertaken groundwater investigation & resource development projects in the Goldfields, Pilbara, Kimberley and the Southwest.

We also have extensive experience in Contaminated Site Assessment, qualitative and quantitative Risk Assessment, and Remedial design & implementation.

Other in-house capabilities include Geographical Information System (GIS) Databases, Geological Interpretation, Information Technology & Design and Drafting services.

Hydrosolutions has a proven track record in providing professional and cost effective solutions, supported by an established network of associated companies and support services.

We offer the following in-house services:

Hydrogeology/ Groundwater:

- Acid Rock Drainage (ARD)/ Acid sulfate soils (ASS)
- Aquifer Storage and Recovery/ Managed Aquifer Recharge (ASR/ MAR):
- Development
- Dewatering
- Exploration/ Investigation
- Hydrochemical Analysis
- Feasibility studies: Mining/ Industrial/ residential
- Monitoring
- Numerical Modelling studies:
- Tailings Dams
- Reporting
- Resource Evaluation:

Contaminated Land:

- Acid sulfate soils
- Contaminated Site Audits
- Health & Safety Plans: WorkSafe
- Industrial redevelopment/ effluent & waste management
- Investigation:
- Landfill investigation & management:
- Monitored Natural Attenuation
- Monitoring
- Remediation
- Risk Assessment

Geology\GIS\other:

- Geology
- Geographical Information Systems
- Occupational Health & Safety

Environmental (& Contaminated Site) Audits:

- Contaminated Site Audits: (WA Accredited CS Auditor)
- Legislative compliance
- Pre-acquisition
- Due-diligence
- Regulatory compliance
- Liability assessments
- Consultative/Public Environmental Reviews (CERs/ PERs)
- Environmental Impact Assessments (EIAs)
- Works approvals
- Notice of Intent (NOIs)

Site Remediation:

- Industrial: Waste & Effluent Management
- Minesite: Tailings Dams/ Effluent Management
- Residential: Redevelopment of Brownfields
- Site Management Plans (SMPs)
- Remedial Action Plans (RAPs)
- Occupational Health & Safety Plans: WorkSafe
- Project Management & Implementation:
- Groundwater: Active/passive

Risk Assessment:

- Qualitative
- Quantitative
- Human Health (HHRA)
- Ecological (ERA)
- Monitored Natural Attenuation