

Large Earth Dam Design

Save Dam Water, and Make it Go Further

Dam Failure Does Happen

Sometimes failure is shortly after construction; at other times dam structure condition worsens over time and failure occurs years after. Damage costs, and the cost of the loss of water can be massive. Don't let this happen to your business.

Design of large earth dams for water storage in rural Australia requires considerable, and in-depth, practical understanding of soils in our environments; not urban-based engineering.

A good dam design must 'hold water' in design, construction, and operation.

Soil Ain't Just Soil

Many soils in regional and rural Australia present problems for dam design and construction. Solving these issues is a specialist task. If you have problem soils, we can help you—WaterBiz is very experienced in finding solutions. Our soil scientists and soil engineers have considerable experience in soils and their relationship with dam design.

Do the Design Right the First Time

Our technical knowledge, combined with hands on experience in large earth dam design and construction, means that WaterBiz has the design experience to provide a concept to completion project service. We have the skills and background to identify design problems early in the development approval, design and construction process to deliver project cost savings.

WaterBiz is also able to undertake third party reviews of dam designs, and forensic assessments of dam failures.



Technical
Assessments



Testing &
Monitoring



Water Resource
Management



Design



Project Management



Get the Best Advice:

WaterBiz has specialist teams involved in soil and water engineering for dam projects. Our business is based on assisting our clients in the formulation of sustainable development strategies - including compliance, design, and reporting.

We deliver:

- ◆ Quality engineering survey and drafting;
- ◆ Drafting can be delivered at any level, or we can project manage your dam through construction; and
- ◆ Holistic solutions provided through our AS/NZS ISO 9001 Quality Management System certified.

A Practical Approach:

WaterBiz is directly involved in all steps of our projects, from site survey, assessment, design and contracted site works. We work in the field and our people are regionally based; providing our clients with the most competitive costs available.

Customer service is our highest priority. We bring our practical experience to our clients by providing easy to understand plans and designs. Our personnel are strategically located to be able to partner you on your site to ensure works are implemented effectively and efficiently.

Please contact us at your nearest office to discuss your needs:

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