

INTRODUCING: RAPID DAMS

A better service for working on Australian mine sites

Specialising in the construction of:

- ▶ All forms of mine-site tailings facilities
 - » Wet Lift Tailings Storage Facilities
 - » Dry Lift Tailings Storage Facilities
- ▶ Construction of clay, HDPE & PVC lined tailings ponds to any size.
- ▶ Dam Extensions
- ▶ Raised embankment structures
- ▶ Road construction
- ▶ Road Maintenance and drainage work
- ▶ Rehabilitation and mine closure earthworks





A team able to deliver what you need...

If you have a need for mine site work in the way of tailings dam installation or dam extensions, road maintenance or mine site rehabilitation, Rapid Dams is the ideal company to undertake this work for you.

Rapid has the personnel, the equipment, the know-how and the experience to ensure the project will meet your budget requirements and expectations in environmental standards.

NEW DAMS:

We have the experience and equipment for constructing new Tailings Storage Facilities, extensions to existing or construction of High Density Polyethylene thermoplastic lined dams.

DAM EXPANSION:

Wall lifts to wet and consolidated dams, upstream lifts using Tailings from the dam or placement of suitable material from elsewhere.

DRY STACKING WORK:

Conversion of residue dams to dry stacking.

REHABILITATION:

We have the techniques and skills for rehabilitation, landscaping and revegetation. Erosion Protection, reshaping and drainage contour work .



You've probably already met our project leaders

Rapid Dams is headed by none other than Martin Fowler (area manager) and Mark Bowman (Project Manager) who are among the best known experts in this field of mine site service work.

They've worked extensively throughout W.A. on numerous sites – possibly yours.

Martin's work has taken him all over WA to give him a vast knowledge of tailing dam construction work.

In working closely with all of the major consulting geotechnical firms Martin has a track record of building well-built storage facilities in both wet and dry construction methods. Martin is conversant with the latest techniques, construction methods and deposition strategies in both wet and dry tailing dam construction so he's well equipped to advise on the best construction methods for any project.

Mark Bowman also has an extraordinary level of experience - working for over 20 years in the civil construction, quarrying, open cut mining and mine services sectors.

The last eight years has seen Mark become a leading specialist in the building of wet and dry lift Tailings Storage Facilities. He is among the most knowledgeable in this field having successfully managed projects ranging from 30m x 30m lined water storage facilities through to 1.4 million cubic metre dry lift Tailings Storage Facilities.

He's experienced in working with both the client and consulting engineering companies to provide safe, efficient, quality results in which he takes personal pride.





Rapid Dams has a fleet of specialised equipment consisting of low ground pressure equipment able to meet all needs efficiently and cost effectively.

Our plant to support operations includes:

- Front end loaders – WA 500-6 and WA 600-6
- 40T Articulated dump trucks with Ejector Gates
- 30T Excavator with Rock Breaker
- Service trucks
- Water trucks
- LGP Dozers



We'll build to the standards you and the governing bodies require...

Rapid Dams can assure prospective clients that it is fully conversant with the fact that disposal of mine tailings is one of the most important environmental issues for any mine during the project's life.

And what's more we are fully aware of the need to conform to stringent environmental standards.

We are familiar with the standards and requirements of the Department of Minerals and Energy (DME) for tailings management and can guarantee that our work will meet their guidelines and audit requirements for safe design and operating standards.

We are conversant with the need to ensure stability and environmental performance of tailings dams and impoundments, and the need to ensure the correct materials are used in the construction of the various types of structures – raised embankment structures, retention dams and of course the raising of embankments as the need for additional disposal capacity arises.

Our project leaders are experienced in the construction of lined dams of all sizes including process water dams; decant ponds and turkey's nests.





Why we have the capability of giving you more...

Rapid Dams is a division of the well-known national mine site contracting service, Rapid Crushing & Screening.

Rapid Crushing and Screening gives Rapid Dams a unique feature that has enabled Rapid Crushing to become one of the leaders in its field - operating 15 major crushing and screening plants across Australia and being able to claim that it is the industry leader when it comes to output capabilities.

The reason for Rapid Crushing & Screening's uniqueness is that it is recognised as having the most site adaptable operation of its kind in Australia. This is because the company designs and builds plant specifically to suit client specifications and tailors

the plant design to the site.

This capability developed as a result of having its own engineering works operating in conjunction to the crushing and screening service is believed to be unmatched by any other crushing and screening service in Australia.

What's more the company has 37 years of experience in supplying teams and operating equipment in some of the most remote areas of the country.

It's these capabilities now extended to the site contracting work of Rapid Dams that gives this new company the stand-out ability to deliver more with greater levels of efficiencies and capabilities.





What about reliability and the safety standards we'll bring to your site?

If you have an operation that is in a harsh environment or in a remote area you need to be assured of a company's capability of delivering what it promises.

Track record is so important in these environments.



RELIABILITY:

The leadership team of Rapid Dams is highly experienced in working in remote locations with limited access and limited communications.

And if that's not enough Rapid Crushing & Screening has been doing this since 1978. This business has been part of the mining scene in outback North Western Australia virtually since its take-off.

As a consequence, a culture has emerged that we're particularly

proud of: the ability to be self-sufficient on site, with a workforce that can 'make do' with the resources on hand.

What's more, we carry a massive level of inventory in parts and consumables with support infrastructure from our own fully equipped workshops. Backup machinery and engineering skills can be called upon in the event of any breakdown.

It gives us an independence that's free of relying on third party suppliers and contractors. It means you'll never be given the excuse of project delays because of equipment breakdown or problems as a result of not being able to cope with remoteness.

SAFETY:

Rapid maintains an excellent, industry leading safety record as a result of having developed practical and workable Health, Safety, Environmental and Employee Relations Policies, Plans and Procedures to support its operating activities.

The company and its personnel takes safety standards to its highest level and as a result has been awarded numerous corporate client safety awards as a result of detailed Safety Management Plans being developed for each specific project. This is all under the control of a full-time Health and Safety Manager and support team working to accountabilities defined in applicable OH&S legislation.

Our Safety Management Plan provides clear guidelines and methodology to all personnel including contractor teams for working to comply with client OH&S management systems.



“Doing it Right means Doing it Safe”



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