




## Dams Engineers (Various Levels)


AECOM • Melbourne VIC 3004

 Base pay  
\$0 - \$0

 Work type  
Full time

 Contract type  
Permanent

### Job details

 Date posted  
**29 May 2022**

 Expired On  
**27 Jul 2022**

 Category  
**Engineering**

 Occupation  
**Software Engineering**

 Base pay  
**\$0 - \$0**

 Contract type  
**Permanent**

 Work type  
**Full time**

 Job mode  
**Standard business hours**

 Industry  
**WATER**

 Sector

Work Authorisation  
**AUSTRALIAN CITIZEN /  
PERMANENT RESIDENT**

### Skills

DAMS

FAILURE MODES

PIPELINE

REPORT WRITING

RISK ASSESSMENTS

GEOTECHNICAL STRUCTURAL

### Full job description

#### Job Summary

Are you a passionate dams engineer who wants to contribute to challenging and interesting projects that provide direct value to our communities? Are you looking to join a high performing team? With recurrent project wins and a strong pipeline of work, we are seeking motivated **Dams Engineers** to join our **Melbourne** AECOM Dams Team.

The AECOM Dams Group is one of the foremost dams consultancy businesses in Australia and often wins work purely on the strength of its people and its great reputation. We offer a **great team culture** focused on participation and inclusion. We want our people to **grow and develop** through working on exciting and complex projects.

By joining our team, you will get **mentoring and guidance** from our **industry leading experts** in the fields of geotechnical, structural and dam design. You will also get the opportunity to work and collaborate with interstate (Brisbane, Melbourne and Newcastle) and international offices (USA, Canada).

Your role will include:

- Conceptual to detailed design of water dams, retarding basins, service basins
- Preparation of tenders and proposals
- Inspection, investigation and condition assessment of existing dams including review and surveillance of monitoring data.
- Safety Reviews of existing Dams, Retarding Basins and Service Basins. This would require the leading of multidisciplinary teams to deliver all aspects of the Safety Review.
- Review of designs from a constructability perspective, and the development and review of cost estimates for Options, Concepts and Detailed Designs.
- Management and development of failure modes assessments including participation in and management of risk assessments and the development of ALARP assessments.
- Client liaison and management of multiple projects from small to large scale depending upon the available projects at the time. This would require the leading of multidisciplinary teams and the engagement of AECOM's operations/finance teams.
- Superintendence and Contract Administration: Assistance with these types of roles including potential short-term assignments on construction projects where required.

### **Minimum Requirements**

You enjoy working in teams, and aspire to progress into advanced technical roles based on your specialist knowledge. You enjoy being accountable for your work and being influential in the project's performance. You enjoy developing and nurturing relationships within AECOM and the local industry, whether through project work, client initiatives or industry associations. You are positive, and see challenges as opportunities to innovate, collaborate and grow. You are an active team member and are eager to take on new and different.

Ideally, you will have:

- Experience in dams engineering and design (dams experience preferred)
- Demonstrated capability in design, including the preparation of design

reports, design drawings and specifications

- Excellent report writing and verbal communication skills
- Well-developed planning and organisational skills.

### **Preferred Qualifications**

- A degree in Civil Engineering or a related discipline (Essential).

### **AECOM's Culture**

To tackle the most complex challenges and provide innovative solutions, we attract, hire, and develop talented people of all backgrounds that ensures our teams reflect the community we service and provides an inclusive and diverse workplace.

We pride ourselves in the Dams Team of a workplace culture that encourages people to be at our best every day – with our culture being founded on the cultural pillars of 'make it happen', 'support our team' and 'embracing the new and different'.

AECOM is a place where you can maximize your innovative thinking and collaborate with a diverse range of highly intelligent and talented people. It's a place where you can apply your skills to some of the world's most challenging, transformational, and iconic projects.

AECOM offers flexible working arrangements and benefits for our team including additional annual leave options, paid parental and partner leave, provision of working from home kits and mobile phones (ensuring you have a proper working setup at home) – however we realise the importance of team and as such you'll always have a desk in the office! Once you feel the culture and dynamics of our team, we promise you'll want to come into the office and spend time with the team.

### **What our team say about us**

"Supportive team culture. We're very diverse and quite social actually (social in our own way)."

"A strong and proactive culture of help and support. The team doesn't wait until you ask for help – if they see that it's needed they offer to help."

### **What We Offer**

We will give you the flexibility you need to do your best work with hybrid work options. Whether you're working from an AECOM office, remote location or at a client site, you will be working in a dynamic environment where your integrity, entrepreneurial spirit and pioneering mindset are championed.

You will help us foster a culture of equity, diversity and inclusion – a safe and respectful workplace, where we invite everyone to bring their whole selves to

work using their unique talents, backgrounds and expertise to create transformational outcomes for our clients.

We will encourage you to grow and develop your career with us through our technical and professional development programs and diverse career opportunities. We believe in leadership at all levels. No matter where you sit in the organization you can make a lasting impact on the projects you work on, the teams and committees you join and our business.

We offer competitive pay and benefits, well-being programs to support you and your family, and the development resources you need to advance your career.

When you join us, you will connect and collaborate with a global network of experts – planners, designers, engineers, scientists, consultants, program and construction managers – leading the change toward a more sustainable and equitable future. Join us and let's get started.

As an Equal Opportunity Employer, we believe in each person's potential, and we'll help you reach yours.

**Job Category** Engineering

**Business Line** Water

**Business Group** Design and Consulting Services Group (DCS)

**Country** Australia

**Position Status** Full Time

**Requisition/Vacancy No.** 267712BR

**Clearance Required** No

Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability or protected veteran status.