



SGM ENVIRONMENTAL
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sgmenvironmental.com

Curriculum Vitae, Mr Adam Costin

PROFILE



Adam is an environmental engineer currently working in the fields of soil science, geochemistry and mine closure.

During his undergraduate degree at Griffith University, he completed a placement with the North Burnett Regional Council. Over the course of his placement, he worked with members of the engineering team and coordinated research for his thesis, developing a rehabilitation management framework that the Council is currently using on their gravel pits.

Adam has also worked for an environmental company that focused on the management and restoration of bushland. After only four months he was promoted and given responsibility of his own team. This supported his development in leadership and client liaison, which are essential skills that have continued to aid him during his consulting career.

He is eager to work on challenging and stimulating projects, with the goal of delivering innovative solutions to any obstacles that may be encountered.

QUALIFICATIONS

Bachelor of Environmental Engineering, Griffith University, 2016

Graduate Member of the Institution of Engineers Australia (GradIEAust)

CAREER

Environmental Engineer, SGM Environmental Pty Ltd, 2019 - present

Team Leader, Aust Care Environmental Services, 2017 - 2019

Environmental Operator, Aust Care Environmental Services, 2017 - 2017



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Representative Experience

ENVIRONMENTAL COMPLIANCE

- PNG Agriculture Commercialization and Diversification Project, review and revise environmental and social management plans, PNG (World Bank Group)

EROSION & LANDFORM DESIGN

- Isaac River Project, WEPP erosion modelling, Qld (Bowen Coking Coal Pty Ltd)
- Moorvale Mine, WEPP erosion modelling, Qld (Peabody Energy)
- Twin Hills Operation, WEPP erosion modelling, Qld (Minjar Gold Pty Ltd)
- Wallace South Gold Project, WEPP erosion modelling and final landform design, Qld (Round Oak Minerals Pty Ltd)

MINE CLOSURE

- Dugald River Mine, progressive rehabilitation and closure plan, Qld (MMG Limited)
- Isaac River Project, progressive rehabilitation and closure plan, Qld (Bowen Coking Coal Pty Ltd)
- North Goonyella Mine, review and gap analysis of studies regarding Qld mine rehabilitation reforms, Qld (Peabody Energy)

MINE COMPLIANCE

- Lady Annie Operations, EA compliance and receiving environment monitoring program sampling, Qld (Austral Resources Lady Annie Pty Ltd)
- Lady Annie Operations, groundwater contamination assessment and management plan, Qld (Austral Resources Lady Annie Pty Ltd)

MINE GEOCHEMISTRY

- Bluff Coal Mine, field analysis and characterisation of overburden, Qld (Bluff PCI Management)
- NSW Legacy Mines Program, wet season sampling and geochemical assessment, NSW (NSW Department of Planning and Environment)

QUARRY CLOSURE

- North Burnett, review of current practices and development of a management framework for Council gravel pits, Qld (North Burnett Regional Council)



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Representative Experience

SOIL SCIENCE

- Broadmeadow Project, soil and land resources assessment, Qld (Bowen Coking Coal Pty Ltd)
- Isaac Downs Project, soil and land resources assessment, Qld (Stanmore Coal Pty Ltd)
- Newlands Coal Mine, site investigation of rehabilitated land, Qld (Glencore Australia Pty Ltd)
- Various sites, soil assessment and amelioration recommendations, Qld (NuGrow Pty Ltd)

