



SGM ENVIRONMENTAL  
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## Curriculum Vitae, Mr Justin Vohland

### PROFILE



Justin is an environmental scientist who has been practicing for over 12 years in the fields of project management, mine rehabilitation and closure, health, safety and environmental technology (HSET), and risk management.

He is an experienced closure and rehabilitation specialist. He regularly works with legislation, best practice guidelines and completes technical investigations to develop tailored closure and rehabilitation options. Justin specialises in management of environmental monitoring and compliance, application of progressive rehabilitation and closure legislation, execution of rehabilitation activities, project management and closure cost estimation.

He is an experienced site senior executive and has previously managed a site that was in a closure and rehabilitation phase. Justin is frequently involved in the interpretation and application of health and safety legislation as well as the development of systems and processes for the management of risk and HSET compliance.

Justin has gained a positive reputation by not backing away from difficult projects (positivity), delivering on his promises (trust), looking for solutions within the available resources (innovation) and placing risk identification and management at the forefront of all projects (safety).

### QUALIFICATIONS AND MEMBERSHIPS

Bachelor of Science with Deans Commendation (Major in Environment), University of Southern Queensland, 2013

Board of Examiners Site Senior Executive Appointment (BOE-SSE-17-009), 2017

Graduate Diploma of Mining, Federation University, 2018

### CAREER

Director; SGM Environmental, August 2020-present

Environmental Manager and Site Senior Executive, Peabody, Burton Mine, 2018-2020

Environmental Superintendent, Peabody, Burton Mine, 2016-2018

Acting Environmental Superintendent, Peabody Energy, Moorvale Mine, 2015-2016

Environmental Officer; Peabody Energy, Moorvale Mine, 2011-2015

Goaf Drainage Operator; Moultrie Group, Moranbah North Coal, Jun 2011 - Oct 2011

Laboratory Technician, SGS, Mackay and Millennium Mine, 2010-2011



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## Representative Experience

### MINE CLOSURE

- Blair Athol Mine, estimated rehabilitation cost submission, Qld, (Terracom)
- Broadlea Coal Mine, rehabilitation management plan, Qld, (Fitzroy Resources)
- Broadlea Coal Mine, progressive rehabilitation and closure plan, Qld, (Fitzroy Resources)
- Burton Mine, development of detailed mine closure plan (Peabody)
- Burton Mine, progressive rehabilitation and closure plan, Qld, (Bowen Coking Coal)
- Carborough Down Coal Mine, progressive rehabilitation and closure plan, Qld, (Fitzroy Resources)
- Dugald River Mine, progressive rehabilitation and closure plan, Qld, (MMG)
- Dugald River Mine, closure cost calculation, Qld (MMG)
- Fitzroy Resources, stakeholder engagement plan, Qld (Fitzroy Resources)
- Ironbark Mine, progressive rehabilitation and closure plan, Qld, (Fitzroy Resources)
- Isaac Plains Mine, progressive rehabilitation and closure plan, Qld (Stanmore Resources)
- Isaac Down Mine, progressive rehabilitation and closure plan, Qld (Stanmore Resources)
- Isaac Downs Mine, rehabilitation management plan, Qld (Stanmore Resources)
- Isaac Downs Mine, rehabilitation monitoring plan, Qld, (Stanmore Resources)
- Isaac Downs Mine, rehabilitation monitoring and reporting, Qld, (Stanmore Resources)
- Isaac River Coal Mine, progressive rehabilitation and closure plan, Qld, (Coking Coal One)
- Johnson Extended Pit, progressive rehabilitation and closure plan, Qld (Peabody)
- Millennium Mine, baseline grazing monitoring, Qld, (M Mining)
- Peabody Burton Mine, progressive rehabilitation and closure plan, Qld, (Peabody)
- Planning, supervision and execution of over 450ha of rehabilitation and remediation (Peabody)
- Planning, supervision and execution of over 800ha of rehabilitation maintenance (Peabody)
- Wilkie Creek Mine, progressive rehabilitation and closure plan, Qld, (New Emerald Energy)

### SOIL SCIENCE

- Broadlea Coal Mine, material characterisation and soil assessment for PRC requirements, Qld, (Fitzroy Resources)
- Broadlea Coal Mine, erosion modelling for PRC requirements, Qld, (Fitzroy Resources)
- Carborough Downs Coal Mine, erosion modelling for PRC requirements, Qld, (Fitzroy Resources)
- Carborough Downs Coal Mine, material characterisation and soil assessment for PRC requirements, Qld, (Fitzroy Resources)
- Carborough Downs Coal Mine, in situ cover trial of dry rejects emplacement area, Qld, (Fitzroy Resources)
- Isaac Downs Mine, topsoil management plan, (Stanmore Resources)
- Millennium Mine, topsoil inventory and assessment, Qld, (M Mining)
- Newlands Coal Mine, topsoil sampling plan and amelioration recommendations, Qld (Glencore)
- Newlands Coal Mine, spoil sampling for K-factor determination, Qld (Glencore)



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## Representative Experience

### ENVIRONMENTAL MANAGEMENT AND PLANNING

- Bruce Highway upgrades, overarching erosion and sediment control plan, Qld (BMD)
- Bullock Creek levee project and Broadmeadow South levee project, Qld (Peabody)
- Burton Mine, erosion and sediment control inspections and maintenance, Qld (Peabody)
- Carborough Downs Mine, pit lake sampling and analysis, Qld, (Fitzroy Resources)
- Carmichael Mine and North Galilee Basin Rail, EPBC audit and reporting, Qld, (Bravus Mining and Resources)
- Century Mine, flora and fauna survey, Qld, (Century Mining Limited)
- Isaac Downs, annual dust audit and reporting, Qld, (Stanmore Resources)
- Isaac Downs, EPBC audit and reporting, Qld, (Stanmore Resources)
- Isaac Downs, EA audit and reporting, Qld, (Stanmore Resources)
- Lady Annie Mine, environmental authority amendments for the Anthill Project, Qld (Austral Resources)
- Lady Annie Mine, environmental authority third party audit, Qld (Austral Resources)
- Lady Annie Mine, estimated rehabilitation cost update, Qld (Austral Resources)
- Millennium Mine, subsidence management plan, Qld, (M Mining)
- Millennium Mine, contaminated land assessment, Qld, (M Mining)
- Peabody US operations, assistant auditor for Peabody US sites environmental compliance audits, USA (Peabody)
- Saint Elmo Vanadium Mine, erosion and sediment control plan, Qld, (Epic Environmental)
- Wilkie Creek Mine, major EA amendment for mine expansion, Qld, (New Emerald Energy)

### HEALTH AND SAFETY

- Burton Mine, transition of contractor safety, health management system to owner operator, Qld (Peabody)
- Burton Mine, transition operational safety, health management system to Care, Maintenance and Rehabilitation phase, Qld (Peabody)
- Burton Mine, develop and implement management plans, standard operating procedures, safe work instructions, proactive health management plan etc. for effective HSET management including health and hygiene, dust mitigation, training, change management, emergency preparedness and execution, Qld (Peabody)
- Burton Mine, audit and gap analysis of Burton Mine safety, health management system against legislation and internal standards, Qld (Peabody)
- Burton Mine, development and implementation of training scheme, Qld (Peabody)
- Burton Mine, develop, implement and maintain health and hygiene monitoring program, Qld (Peabody)
- Burton Mine, planning and execution of Plumtree South levee project, Broadmeadow north-west levee project
- Ironbark, Broadlea and Carborough Downs Coal Mines Mine, broad brush risk assessments and risk register development, Qld, (Fitzroy Resources)
- Peabody Australia operations, audit and gap analysis of other Peabody sites safety, health management system against legislation and internal standards, Qld (Peabody)

