



Jason Armstrong

Ass. Dip Eng (Civil).

Civil Designer



SEEC

Strategic Environmental and Engineering Consulting

Jason is a senior civil designer for SEEC with over 15 years' experience in all aspects of engineering design and drafting. He presently coordinates SEEC's team of engineers.

Jason has provided civil design, review and consulting advice for a wide range of projects including mines, commercial developments, equestrian properties and facilities, industrial developments, residential subdivisions and roads.

Jason is a civil designer and an integral part of the SEEC team. He has extensive experience in all aspects of civil engineering and design and leads our engineering team.

Qualifications

- Associate diploma in Civil Engineering (Illawarra Institute of Technology)
- Associate Member of The Institution of Engineers Australia AMIEAust
- Member of the International Erosion Control Association (IECA)

Areas of Expertise

- Rural and urban road design.
- Residential and commercial stormwater drainage design and drafting.
- Rural and Urban Subdivision design.
- Residential and commercial steel and concrete design and drafting.
- Produce Traffic Control plans for Roadworks.
- Flood Studies and Flood Risk Assessments.
- Proficient in the use of Autocad, Forsight, Terramodel, Civilcad, Autodesk Civil 3D and Advanced Road Design Module, Drains design software, HEC-RAS flood modelling software.
- Soil and Water Management and Erosion and Sediment Control plans.

Short Courses/Workshops Completed

- WorkCover Occupational Health and Safety General Induction for Construction Work
- Four day workshop on the NSW Blue Book (CET)
- "On-site Wastewater Management" 2-Day Workshop - Centre for Environmental Training.
- Advanced driver training. December 2010
- R.T.A. Certified Traffic Control Worksite Planning Certificate
- Statement of attainment in CADD Customised Systems (Illawarra Institute of Technology).

Career Highlights

Senior Civil Designer for SEEC from September 2007 to present:

- Engineering design for rural and urban roads and drainage projects.
- Residential and commercial stormwater drainage designs.
- All types of small to large scale civil design works for Rural, Urban and commercial developments ranging from Rural dams to On Site Detention.
- Residential and commercial concrete and structural steel designs.
- Preparing and certifying traffic control plans for road works.
- Design and analysis of retaining walls.

Civil Engineering and Planning Manager for Kells Land Surveyors in Goulburn from 2005 to 2007:

- Preparation of Development Applications for Rural and Urban Subdivisions.
- Rural road and drainage design for several developments.
- Bushfire reports for rural subdivisions.
- Wastewater Reports for rural subdivisions.
- Survey support and plan preparation.
- Traffic control plans as required for associated developments.

Civil/Structural Engineering assistant for David Hunt & Associates from 1993 to 2008

- Drainage and driveway designs for residential and commercial subdivisions and developments.
- Concrete and structural steel designs for residential and industrial developments.
- Survey design work.

Contract Civil/Structural Designer for several Engineering firms 1997 to 2006 involved with numerous Civil and structural engineering projects which include:

- Various small to large scale civil and structural designs for United Consulting Engineers.
- Various small to large scale stormwater and structural designs for Australian Consulting Engineers.
- Road and drainage design for Forest Engineering Solutions.
- Structural and civil design for McMillan Britton & Kell.
- Various small to large scale industrial civil and structural designs for Phillip M. Allen & Associates.
- Noise wall design and drafting for Noizwol/Bradson Civil P/L.

Recent Projects

- Surface water management plans for Tritton, Girilambone and Girilambone North Copper Mines.
- Rural road and drainage design of causeway crossings for proposed 7 Lot Rural Subdivision at Picnic Point, Lake Wonboyn.
- Road, drainage and bulk earths design for 100 Unit Seniors Living Development at Suttor Road, Moss Vale.
- Structural design and preparation of drawings for a proposed Community Centre and Indoor Pool Facility at Coastal Waters Retirement Village, Nowra.
- Structural design of foundations and slabs for various residential and commercial projects in the Southern Highlands and South Coast.
- Erosion and sediment control plans for road upgrade, Taroom to Injune, Central Queensland.
- Erosion and sediment control plans for LNG projects in Qld including Mud Dumps, Dams and Pads.
- Design of Leachate dams, Haulage Road and volume monitoring for Woodlawn Bio-Reactor located at Tarago near Goulburn for Veolia.
- Road, drainage, Flooding assessment and bulk earthworks design for Equestrian Development at Headlam Road, Moss vale.
- Civil and stormwater drainage design for Inglis Equine Sales Centre relocation to Warwick Farm.
- Surface water and flooding assessment, including design levels for Tomingley Gold Project.

Contact Details

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