



CIVIL ENGINEERING

GeoLINK

Our engineers form an integral part of a multidisciplinary team which also includes planning, environmental engineering, landscape architecture, ecology and environmental assessment.

The GeoLINK civil engineering team is focused on creative problem-solving using innovative solutions wholly integrated with other design disciplines. GeoLINK specialises in civil engineering services relating to the design and development of subdivisions of all sizes, with the capability of following a project through from conception to construction.

Services

We offer a wide variety of civil engineering services including:

- Site assessment and feasibility studies
- Subdivision design
- Earthworks and site grading design
- Road and intersection design
- Design of water supply and reuse schemes
- Design of sewerage schemes, including gravity, pressure and vacuum systems
- Erosion and sediment control
- Vehicle movement impact studies
- Road safety audits
- Construction certificate documentation
- Contract administration and site supervision

Our delivery is supported by other general services such as project management, community consultation, GIS analysis, illustration preparation, and reporting. We also have strong working relationships with specialist consultants providing services in the areas of traffic, geotechnical, heritage, air quality, and noise assessments.

Projects

GeoLINK's innovative and highly-qualified civil engineering team is dedicated to achieving design solutions that satisfy the needs of our clients, with a focus on environmental leadership and benefits to the greater community. A selection of projects that showcase the team's skills and experience include:

- Augmentation of Ballina Shire Council's Southern Cross Industrial Estate, Ballina
- Broken Ridge rural residential subdivision, Broken Head
- Casino town centre upgrade and refurbishments
- Seagrass strata title subdivision, Ocean Shores
- Marlowvale 99-lot residential subdivision in North Street, Grafton
- Bayshore Village Mixed Use Development, Byron Bay
- Augmentation of Ballina Shire Council's Russellton Industrial Estate, Alstonville
- Sewage pumping station upgrade works, Bayshore Drive, Byron Bay
- Vacuum sewerage systems for the Port of Brisbane Corporation, Brisbane

The GeoLINK engineering team

Highly regarded, competent, and with a wealth of experience, our team has the capacity to offer our clients a wide spectrum of skills and expertise.

Duncan Thomson BE(Env) (Hons)

Environmental Engineer | Director

Duncan is an Environmental Engineer with a broad range of skills and experience. He has worked on a variety of infrastructure, development and environmental management projects and his experience covers the fields of water, wastewater, soils, noise, waste and energy. Aside from his technical skills and knowledge, he has substantial experience in project management, client relations, team collaboration and stakeholder consultation.

Duncan has specific experience in water management, including stormwater, erosion and sediment control, wastewater, water supply, and water recycling. He covers all aspects of water management, including the development of policy and guidelines, assessment of options, preparation of management plans and the design of infrastructure. His key technical skills are water modelling (hydrology, hydraulics, water balance, irrigation, water quality), formulation of management strategies and design of infrastructure (distribution, drainage, treatment, detention).

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Ross Nimmo BEng Civil and Environmental (Hons), MIE Aust CPEng, NER

Senior Civil Design Engineer

Ross is a Chartered Professional Engineer and joined GeoLINK in 2016 bringing a range of experience gained from working in consulting and local government for over 10 years. Ross has extensive experience in urban land development including managing projects from inception to completion. In addition to his broad range of civil design skills covering all aspects of subdivision design, Ross has an interest in water sensitive urban design (WSUD) and specific expertise in design and maintenance of WSUD assets. Ross is also experienced in contract administration including supervision of civil, landscaping, and electrical works for land development projects.

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David J Howley BE(Env) BSc MSc(Env Mgt)

Senior Environmental Engineer / Soil Conservationist

David is an environmental engineer and scientist with a broad range of skills and experience. He has worked on a variety of infrastructure, land management and environmental management projects and his experience covers the fields of water, soils, contamination, rivers and landscape. Aside from his technical skills and knowledge, he has substantial experience in project management, client relations, team collaboration, contract management and stakeholder consultation.

David specialises in mine rehabilitation, contaminated site remediation, soil erosion control, earthworks construction, surface water management, water conservation, erosion and sediment control advisory and training, contract management and sensitive environmental site project management.

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Patrick Sloan BE(Env) (Hons)

Environmental Engineer

Patrick is an Environmental Engineer with skills and experience across a broad range of environmental management and engineering fields. Patrick's primary areas of experience include; stormwater management, erosion and sediment control and flood assessment.

Patrick is also experienced within the fields of water management, environmental monitoring and energy auditing. He is well acquainted with various regulatory requirements and documentation as well as industry best practice guidelines.

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Jarrold Connell BEng Civil

Junior Civil Design Engineer

Jarrold is a civil engineer and joined GeoLINK in 2016 bringing with him over five years' experience working in the civil/surveying field. Jarrold has experience in subdivision design from conception through to completion, interpretation and setup of various infrastructure plans and is a skilled AutoCAD technician, having setup and amended drawing sheet sets for overhead and underground electrical distribution.

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