

# Summary Bio

Steve Mc Inerney  
Senior Civil Engineer



## Nationality

Irish

## Language

English



## Key Qualifications

Post Graduate Diploma (PGD) in Civil Engineering, University of East London, UK, 1995

Bachelor of Engineering (Hons) (Civil), North East London Polytechnic, UK, 1988

## Professional Affiliations

Chartered Engineer, Institution of Engineers of Ireland (IEI)

Member of Institution of Professional Engineers New Zealand

International Register of Professional Engineers

Member of NZ Society of Large Dams

## SPECIALISATION

Project Management

Contract Management

Cost Estimating

Construction of Dams and Water Treatment Plants

Construction of Harbours and Marine Works

## SUMMARY BIO

Stephen McInerney is a Senior Civil Engineer at Damwatch Services Ltd and is based in Wellington. The firm specialises in dam safety and dam engineering and works with a wide range of clients in New Zealand and Australia. Damwatch undertakes the surveillance of over 50 hydro dams in New Zealand and conducts dam safety reviews for a wide variety of dams. Damwatch also advises on dam safety management, dam safety deficiencies, their remediation and associated dam engineering issues.

Steve has over 17 years experience in the field of civil engineering, specialising in dams and heavy civil engineering. He has extensive construction experience in large-scale River and Marine projects in the UK, Ireland and Pakistan. Steve was Senior Project Engineer and Engineers site representative on the 21m high Pollan Dam construction and also managed the commissioning (an earth embankment dam which also included a 500m long concrete gravity section). Steve has acted on behalf of both the client, as the Resident Engineer and in various management roles for the Contractor. Steve has a wide experience of project management, construction methods and practices including preparation of contract documents, cost estimation, negotiation of variations and agreement of final accounts.

On relocating to New Zealand in 2001 Steve joined a small rural district council and gained experience in the management and maintenance of its utilities services. The challenges in this role were to achieve community expectations within very limited budgets. Steve's main achievements were to establish and start implementation of long-term plans for asset renewals and maintenance including water treatment plant upgrades and renewal of resource consents.

Steve joined Damwatch in July 2003 and has been working on rehabilitation of existing dams and new projects including:

- Rehabilitation (Arapuni)
- Development of new hydro power projects (60m high RCC dam and 20m high earthfill dam)
- Peer review of dam and tunnel designs (20m high dam; 6 hydro stations and canals)
- Review of civil contract documents and costs for 130 MW Bogong hydro power scheme incorporating 7km canal.
- Facilitating innovative contract/procurement/construction relationships and alliances.