

CAPABILITY STATEMENT

Sports, Recreation and Open Space

WHO WE ARE

GWE Consulting Engineers is a company of highly experienced geotechnical, environmental, civil and process engineers that has an expanding capability in Sports, Recreation and Open Space design. We work closely with architects, urban designers, planners and landscape architects to provide our clients with all the creative and technical resources they need to design and deliver their project.

Our staff have the skill and experience to deliver projects across a range of specialist areas, from **site investigation, land remediation, foundation engineering, earthworks, infrastructure engineering, stormwater management and pavement design.**

Our brand essence, **Creative Thinking | Better Environments** drives the approach to all our work. We always put a premium on the quality of our output, and its relevance to your needs.



North Harbour Stadium, Albany

We treat you as valuable team members, and we always keep you fully informed on how the project

is progressing. We respect your time and your style of interaction, and we are always sensitive to your inputs. We are flexible and work to your deadlines and treat your time requirements with the highest regard.

WHAT WE DO

GWE Consulting Engineers' Sports, Recreation and Open Space capability builds on project work completed by our professionals who have joined the company in recent years and is complemented by the skills of many of our longer serving staff.



Olympic Velodrome, London

We undertake the following project work:

- **Strategic Plans**
- **Feasibility studies**
- **Open space planning**
- **Facility design**

Our company offers a diverse range of specialist services, drawing on solid professional experience in private practice consulting roles and local government. Team members have completed projects in New Zealand and the United Kingdom.

We collaborate closely with a select range of specialist companies and individuals, whose work meets our standards, to offer clients a unique consulting team with the highest level of skill required for each project.

OUR SERVICES

Strategic Plans for Sport, Recreation and Community Facilities and Services

A strategic plan provides a local authority and its community with an agreed direction to develop facilities, services, skills and community knowledge to advance sport, recreation or community outcomes in their territory. Such a plan is usually based on a very significant level of consultation including Councillors, Council officers, government representatives, sport and recreation groups and the general community.



Takapuna Rugby Club, Onewa Domain

GWE Consulting Engineers has experience in working with local authorities, stakeholders and iwi and has contributed to sport and

GWE Consulting Engineers

Ground Floor Oceanbridge House
25 Anzac Street Takapuna Auckland 0622
P 09 445 8338



CAPABILITY STATEMENT

Sports, Recreation and Open Space

recreation and similar strategic plans for councils.

Feasibility Studies

A well-researched feasibility study provides the client with the business case for investing in sports or recreational infrastructure. In the case of public sector clients the business case can establish the likely operating subsidy where the facility is unlikely to provide a positive return on investment (ROI)—which is often the case. For private infrastructure the business case and risk analysis will be important tools in making the investment decision.



Olympic Park, London

Facility Design

We are able to provide engineering design services for your sport, recreation or community facility project using our team of experienced geotechnical, environmental and civil engineers. Whether your facility is a clubhouse, gymnasium, grandstand, community centre, sports hall, pavilion, events centre or similar we are able to work with

you and your project team to provide an exciting design that is expected to exceed your expectations.



Denarau Island Golf Club

Open Space Planning

Urban living relies upon appropriate access to quality open space and facilities as part of the lifestyle infrastructure. GWE Consulting Engineers has provided engineering inputs to open space plans for urban areas as well as rural communities and marae.



Karaka Sports Park, Pukekohe

Open space planning is more than just about public land supply. It is about carefully designed open space networks that support the active and passive recreational needs of a community while at the

same time creating safe environments and adding value to adjoining housing precincts.



Kinloch Golf Club

RELEVANT PROJECT EXPERIENCE OF GWE PERSONNEL

North Harbour Stadium

Civil engineering design of the original stadium precinct for winter and summer sports codes including earthworks, drainage, rugby playing surface, carparking and concourse areas

Takapuna Rugby Football Club

Civil engineering design and management of the flood lights project and improvements to spectator areas.

Denarau Island Golf Course, Fiji

Civil engineering design of the 60ha championship golf course including earthworks, irrigation, tidal and non-tidal waterways, infrastructure and development areas around the club house.

Kinloch Golf Course

Design of irrigation pumping station and fairway irrigation scheme for the 10 hole public course.

GWE Consulting Engineers

Ground Floor Oceanbridge House
25 Anzac Street Takapuna Auckland 0622
P 09 445 8338



CAPABILITY STATEMENT

Sports, Recreation and Open Space

Olympic Stadium, London

Detailed geotechnical investigation and design of stadium foundations and surrounding infrastructure including bridge abutments. Ground remediation of hydrocarbon impacted soils and water.

Olympic Velodrome, London

Geotechnical investigation and design of stadium foundations as part of a wider Olympic Park package.

Karaka Sports Park, Pukekohe

Development of a multisport clubhouse and changing room for the proposed redevelopment and expansion of the sports park.

KEY PEOPLE

Gareth Williams **Director**

Gareth is a process engineer and specialises in water and wastewater infrastructure for commercial and residential developments. Gareth has commercial oversight of all our projects and actively engages in client relationship management.

Colin Cranfield **Technical Director**

Colin is a civil engineer and specialises the design of infrastructure for large scale developments. He was part of the project teams on the development of North Harbour Stadium, Takapuna Rugby Football Club, Denarau Island Resort and Golf Club and feasibility studies for a number of other resort and open space developments in Fiji and New Zealand. Colin is currently working on the Kinloch Golf Course project.

Edward Collings **Business Development Manager/ Senior Geotechnical Engineer**

Ed is a geotechnical engineer and contaminated land specialist and specialises in the investigation and design of large projects. While in the UK, Ed worked on the development of Olympic Stadium and the Olympic Velodrome for the 2012 Olympic Games.

Adrian Percival **Stormwater Specialist**

Adrian is a civil engineer and planner and is a specialist in the preparation of stormwater management plans, and the design and management of stormwater infrastructure. Adrian is currently part of the project team working on the Karaka Sports Park in the Franklin Ward, Auckland.