



5.3.2 WELLS



McMillan Water Wells Ltd



McMillan Water Wells Limited and more recently McMillan Drilling Limited have been established in New Zealand since the 1950s and offer considerable experience in the fields of Water Wells, Civil Construction, Geotechnical and Environmental amongst a wide variety of other smaller fields. While the company was founded primarily on Water Well Construction it has grown to be one of the largest and leading multifaceted drilling services in New Zealand.

The scope of services and expertise offered sets McMillans apart from other drilling companies and has resulted in the business continually growing and supporting the development of several specialized areas.

- **Water Wells**
- **Geotechnical/Environmental**
- **Civil Construction**

- **Water Analysis**



**Practical business; accessing and analyzing; monitoring and managing;
our natural resources with honesty and integrity.**

Well Drilling

McMillan Water Wells Ltd have a wealth of experience and expertise in the construction of high quality production wells. McMillans have established an industry name and are market leaders in large diameter, deep production wells.

Experience

Construction of the majority of large wells within the South Island and the 100 to 150 wells constructed annually, contribute to the wealth of knowledge and experience McMillans offer. The expansive database associated with the construction of numerous wells gives clients the extra security of 'how deep' and 'how much' hence minimising surprises. Moreover, the database helps clients establish realistic goals and determine the feasibility of proposed water wells.

Applications

McMillans have gained a reputation of high quality water wells in applications including:

- municipal (town/city scheme);
- industrial (process water);
- domestic (house/farm);
- aquaculture (salmon hatcheries);
- horticulture;
- agriculture.

In all the above applications wells have been constructed to meet client needs in a demanding industry where a reliable water supply is of utmost importance. Current equipment capabilities allow wells to exceed depths of 200 to 300 metres with a range of bore sizes from 50mm to 600mm diameter through the variety of subsurface formations. Indeed, the larger wells constructed by McMillans lie within the world wide large bore industry.



Water Analysis and Laboratory Services

McMillan's has endeavoured to be one of the progressive drilling companies encompassing the most up-to-date drilling technology, so it has also endeavoured to be equally as aware of environmental progress and issues.

A water quality-testing laboratory is incorporated in the company where water is routinely tested for bacterial and chemical quality.

Chemical analysis of well water, or other water supplies is carried out to obtain informed and documented base line data.

Quality is of great importance and the laboratory has IANZ accreditation. Accreditation is essential as the accuracy of the chemicals concentrations being determined is of utmost importance if the values are to have scientific or historical credence. Collection, storage documentation and results of the specimens is carried out by qualified experienced personnel.

Water Monitoring and Management

- Reliable precise information to monitor our environment.
- District councils require potable water supplies. The requirements of different district councils vary.
- Monitoring for industrial, export and environmental situations.



If you can measure something, you can begin to manage it.

McMillan Water Wells Ltd



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