

Just the Job Information Sheet

Job title/s:

Irrigation Installer
Irrigation Designer

Job description:

Each Irrigation system is different. An Irrigation Designer needs to listen to the growers wants and needs and survey the area to be irrigated. Your knowledge of hydraulics, pumps and water treatment together with on-job training can then be used together with computer CAD programmes to design irrigation systems. You may decide to specialise in installing irrigation systems, or evaluating existing systems.

Qualifications required:

Useful school subjects:

Maths
Physics
Agricultural Science
Agricultural Engineering
Hort Science

No age restrictions

Training costs:

Met by employer

Location of job:

Nationwide, but in particular Canterbury and Hawkes Bay

Career path:

Irrigation Design/Sales/Installation
Engineering/Electrical Cadetship
Irrigation Sales/Engineering Representative
(Irrigation Systems Installer, Operator, Manager)
Irrigation Designer
Branch Manager

Resource Management/Environmental Monitoring (Regional Councils)

Salary range:

Irrigation Operator \$30-45k/annum

Operational Manager \$60k/annum

Other careers this profession could lead to:

Consent Investigating Officer	\$46-59k/annum
Natural Resource Management Planner	\$51-66k/annum
Senior Planner/Consent Investigating Officer	\$58-74/annum
Senior Policy Analyst	\$67-87/annum
Principal Consents Advisor	\$80-103/annum

Tips on how to increase the chances of successfully entering this industry:

Have an interest in, and achieve well in science/agriculture/horticulture subjects at school.

Have an interest in agriculture/horticulture/viticulture.

Have an understanding of growing practices.

Be able to work both on your own and as part of a team.

Good communication skills.

Be a practical, hands-on person.

Enjoy working outdoors.

Places/websites to source information about this job:

www.irrigationnz.co.nz

www.waterforce.co.nz

www.waterit.ac.nz

Other relevant points:

The Irrigation industry is essential to the prosperity of New Zealand. Around four per cent of New Zealand farmland is irrigated, producing approximately \$1 billion net per annum – 12 per cent of GDP, or three times the production of an equivalent area farmed under dryland systems.

Studies of the economic effect of irrigated agriculture suggest that one third of the employment created from irrigation occurs on farms, with the other two thirds spread through rural and city communities, in business and other sectors beyond the farm gate.

People in this industry are incredibly dedicated and passionate about their work.