Geotechnical Monitoring - Groundwater Level

Real-time, continuous environmental monitoring of groundwater level monitoring for a variety of worksite applications.

Adroit is New Zealand's leading real-time environmental monitoring provider for councils, worksites, construction, civil and heavy industries.

adroit
Environmental IoT

Groundwater Level Monitoring

Adroit provides complete managed environmental monitoring solutions which include equipment, network connection, cloud platform, training, installation, servicing and support. The ability to continuously monitor environmental parameters in real-time like ground water levels, on any type or size of worksite, provides data that can assist in critical decision making and site management. The data can also provide valuable insights to aid compliance and complaint mitigation, and can help ensure the site is a safe and healthy environment for employees and surrounding communities.

Adroit partners with EWS (Australia) as the NZ distributor for the EWS range of innovative telemetry solutions manufactured, tested, and field proven in Australia and New Zealand's toughest environments.

Environmental worksite monitoring gives your team access to real-time data which can be visualised on the Adroit App

Visualise groundwater levels on your site from any connected device

Key benefits

Feature rich app
Customisable thresholds and alerts. Downloadable data and available APIs for integration

Real-time monitoring
Get a clear picture of groundwater levels, conductivity and temperature

Accurate and reliable measurements
Highly accurate, cost-effective, reliable, field proven and factory calibrated sensors measure various parameters

Adaptable installation
Installation to any existing water bore or manhole cover

Health and safety
Ensure a compliant, healthy and safe worksite for employees, communities and environments

Compliance and complaint mitigation
Historic and real-time data to aid management of compliance and complaint mitigation

Compliance Reporting
Adroit products provide accurate, cost effective, continuous monitoring to assist with health & safety, complaint mitigation and internal compliance management. Sensors are validated to compliance standards, however for some applications are not suitable for statutory compliance reporting. We recommend discussing your reporting requirements with your Adroit sales lead and where appropriate consulting a compliance specialist.
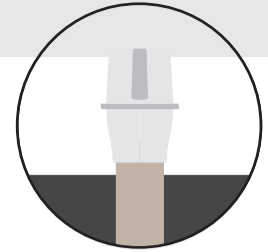
How it works

adroit platform

Groundwater level monitoring

API's · Notifications · Dashboard · Mobile App

Groundwater level monitoring features

- Parameters measured include water level and temperature
- Robust housing with UV rating of 10 years
- Suitable usage for all construction, civil and industrial worksites
- Automatic wireless connection via the Spark Cat-M1 network
- Tamper proof and lockable packaging secures your site bore
- Mounts to any diameter existing water bore or pipe
- Flip top lid provides easy access to bore for calibration dips or samples
- Lithium battery provides long term reliable operation of 3-5 years

Groundwater level monitoring common applications

Real-time monitoring provides better understanding of the availability, sustainability, and potential risks to the groundwater resource. Common use applications include government agencies, agriculture, horticulture, viticulture, mining and quarries, infrastructure construction, environmental engineering, slope stability and dam monitoring.

Groundwater level monitoring pricing
Pricing excludes GST

Monitoring solutions	Equipment & installation	Monthly plan	Recommended servicing
Groundwater level, temperature	$4,250	$30	Yearly

Equipment finance and subscription pricing available on request

Adroit standard pricing includes upfront equipment and installation and a monthly plan. Adroit configures, installs and supports your environmental monitoring solution to meet your requirements. Adroit provides equipment servicing at locations nationwide. Client self-servicing option available with tools and training provided. Equipment warranty 12 / 24 months as per manufacturer.

Build a sustainable future with technology and expertise

Spark IoT is proud to bring the expertise of Adroit to our customers across the public sector, worksites, construction, civil and heavy industries.

Help your business prepare for the future with Spark IoT, contact your Spark Client Lead or iotsales@spark.co.nz to find out more.

Spark nz hello tomorrow **IoT**