

CASE STUDY

LYSIMETER TELEMETRY SYSTEM - BALLARAT LANDFILL

QUICK FACTS

Client: Ballarat City Council **Date:** 2016

Location: Smythesdale, Victoria

Products: DataStream, ICT soil moisture, weather station & telemetry

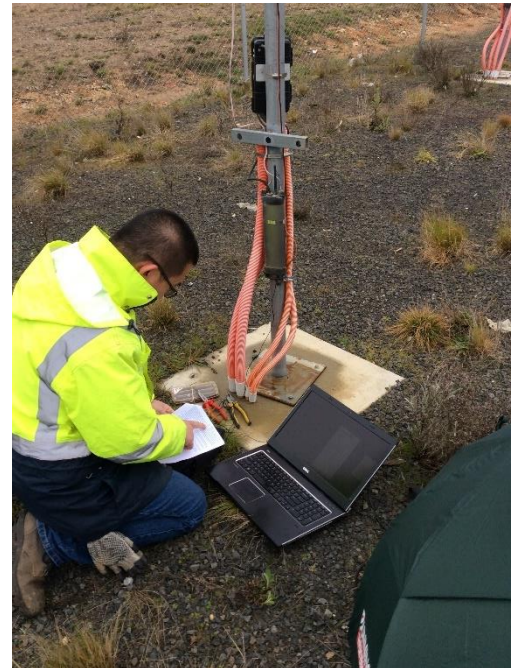
Services: Repair, maintenance and data management

ASSIGNMENT

To provide technical assistance for the troubleshooting and repair of two Lysimeters on site. To implement real time monitoring of the Lysimeters and weather stations data for compliance monitoring. The Lysimeter's data was restored and routed into DataStream for future landfill data management, all historical data was restored.

HYDROTERRA SOLUTION

- Inspect all equipment on site (weather station, soil moisture probes, data loggers, tipping bucket rain gauges, etc.) and its wiring, to access damage and ability to repair;
- Connect new SIM card to Lysimeters GSM communication hub to check and update parameters;
- Download and back up all data in data loggers' local memory;
- Update firmware of the AML (Advanced Multi-Function Logger) and VSLs (Voltage Sensor Logger);
- Carry out the required troubleshooting, repair and cleaning of equipment
- Connect lysimeter to server DataStream Server
- Integrate lysimeter to real time data management of DataStream



DataStream™

HydroTerra | P 03 8683 0091 | E info@hydroterra.com.au