

Monitoring effluent runoff levels for EPA compliance

Benefits

- peace of mind that EPA requirements are being met
- improve operational efficiency, greater visibility
- custody of data and minimisation of data transposition errors
- remote access from any web-enabled device
- ease of installation



Have other applications?

Due to its flexible sensor integration the SPOKEdata solution is ideal for monitoring across many applications.

Find out more at:
www.spokedata.com

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Waste management specialists commissioned to monitor effluent runoff levels downstream from a construction site.

Construction site operators are licensed under the *Environmental Protection Act 1994* to discharge treated wastewater at an acceptable environmental standard into waterways.

This license includes regular recording and reporting of data which forms part of the compliance regulations. These stringent environmental regulations to minimise the impact on the surrounding environment and communities.

For this reason, waste management specialists, **AusTrans Group**, were commissioned by a local construction company to monitor effluent runoff levels downstream from the site.

Improving operational efficiency

Where previous monitoring involved regular spot-checking of effluent runoff levels, it was deemed beneficial to implement a real-time monitoring solution in order to provide greater, more up-to-date, visibility of data.

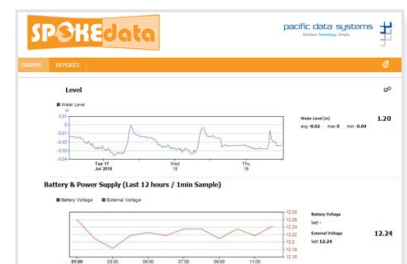
The organisation chose SPOKEdata technology - a low-cost, remote 3G monitoring solution, supplied by Pacific Data Systems.

By connecting a single depth level transducer to the SPOKEdata unit, effluent runoff levels are measured every 15 minutes, with reporting automatically sent every 2 hours. The recorded data is accessible by access a remote web portal via any internet enabled device, such as a computer or mobile device.

The SPOKEdata unit has been programmed to send an email alert to multiple users should runoff levels exceed 3m.

Peace of mind

By replacing spot-checking with an automated monitoring and reporting process, the construction company reports an increase in operational efficiency - as well as peace of mind knowing that they are meeting their environmental compliance requirements.



Data accessible by remote web portal