HYNDS
SMARTERWATER

Smarterwater®
Raingarden Sensor

Technical Guide S3.1

Designed to work in conjunction with software analysis, the raingarden sensor can interpret level to meet compliance requirements. Information is provided wirelessly, reducing the need for site visits and eliminating the need to perform percolation tests.

Application

Performance monitoring for raingarden compliance

Improved maintenance planning

Reduce onsite time

Product Attributes

Non-contact radar technology for increased reliability

Battery operated

Quick and easy installation

IoT LPWAN communication technology

Data can be integrated with ArcGIS and other user interfaces

The Hynds Smarterwater® Raingarden monitoring device is an easy, five minute install product. No solar cables, special mounting brackets, seperate batteries or other additional supportive equipment required.

It is unobtrusive in appearance, with excellence in performance for interpreting water level and monitoring the asset. Data is transmitted wirelessly, this will reduce the need for site visits, eliminate the need to perform percolation tests and increase site safety.

Product Attributes

Water depth detection technology	Radar
Water depth accuracy	+/- 0.25%
Communication	Sigfox
Power supply	Li-SOCl2
Battery life	3 - 10 years*
Operating temperature	-15° C to +65° C
Operating humidity	5% to 95%

depending on frequency of readings

FIG. 1 Raingarden installation

FIG. 2 Raingarden dashboard

Branches Nationwide *Support Office & Technical Services 09 274 0316*

smarterwater.co.nz
remote monitoring, measurement and control

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