



HWM delivers battery-powered, non-contact MCERTS level monitoring solution that meets AMP7 U_MON3 drivers

Early in 2022, a UK-based water and sewerage company approached HWM with the requirement for a UKCA (ATEX) battery-powered, non-contact MCERTS level monitoring solution.

The utility planned to install event duration monitoring (EDM) at a number of treatment plants in order to record and report WwTW overflows to storm tanks as recommended by the U_MON3 drivers released as part of AMP7.

Having worked closely with this utility company for a number of years, and as their incumbent supplier of battery-powered wastewater monitoring products, HWM was entrusted with developing a solution that fulfilled the requirements laid out.

Industry



Product

Intelligens WW



Application

Level Monitoring
U_MON3 Compliance

The Solution

When initially proposing the project, the utility company made clear that the system was to feature the Vega C21 radar level sensor. To compliment this sensor, and to meet the utilities UKCA (ATEX) requirements, HWM proposed combining the C21 with our Intelligens WW data logger and ESIB power pack.



All components are UKCA (ATEX) approved and compatible with a variety of third-party sensors.

Intelligens WW was the obvious choice for this level monitoring application. It is used in-conjunction with an external battery which also powers the connected sensors, making it particularly suitable for 'fit and forget' long-term installations.

Additionally, Intelligens WW benefits from our advanced LTE-M and NBloT-enabled modem (with a 2G fallback), ensuring continual data transmission and future-proofing the logger in an ever-developing cellular landscape.

Together, the combination of Intelligens WW and Vega C21 sensor delivers a compact, self-powered and intrinsically safe solution.



www.hwmglobal.com
sales@hwm-water.com
T: +44 (0) 1633 489 479
F: +44 (0) 1633 489 479

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL