

Dear [REDACTED]

EIR Reference: EIR/ID/434

Thank you for your request for environmental information. We appreciate your interest, and we want to let you know that your request has been carefully considered in accordance with the Environmental Information Regulations (EIR).

Your request

I would be very grateful if you could provide the following information with regard to Event Duration Monitors now installed on storm overflows whether at your STW Inlets, storm tanks or on your sewerage network:

1. ***Manufacturer Details:***
 - ***A list of all manufacturers/suppliers of the spill monitors being installed.***
 - ***The model names/numbers of the monitoring devices.***

We operate powered and non-powered EDM meters.

For powered sites, we typically use a Siemens Hydro-ranger meter, although we do use other sensors such as Pulsars. These are connected to the outstation / PLC on site, which are typically Flygt, Riello, Schneider, with Westermo router and switches.

Non Powered sites predominantly use battery powered Technolog Cello's connected to a u/s head or now RADAR head, although there are a number of other manufactures, such as Detectronic and LiDOTT devices.

2. ***Technical Specifications:***
 - ***The type of monitors (e.g., Event Duration Monitors, flow sensors) and their key features (e.g., real-time data transmission, cellular connectivity).***
 - ***Whether the monitors measure only spill frequency/duration or also water quality parameters (e.g., turbidity, E. coli).***

All monitors are event duration monitors, which monitor spill frequency (start and stop time) and duration, but do not record any other parameters.

3. ***Deployment Data:***
 - ***The total number of monitors installed to date and locations (if possible).***
 - ***The timeline for installing the remaining monitors.***
 - ***Criteria for selecting which CSOs are prioritized for monitoring.***

We have now installed EDMs on all our CSOs, with 2024 being the first year of 100% monitoring across all our permitted storm overflows. Installation dates and locations are all in the public domain and can be accessed here [Event Duration Monitoring - Storm Overflows - Annual Returns](#).

4. ***Costs & Contracts:***

- ***The total budget allocated for the monitor rollout.***
- ***Whether the procurement process was open tender or framework agreement.***

The total budget allocated to the monitor rollout was £20.5m and the work was awarded via existing framework arrangements.

5. ***Data Accessibility:***

- ***How the public can access the spill data (e.g., via your overflow map or API).***
- ***Whether raw data will be shared with the Environment Agency or other regulators.***

We have our own UU overflow map here [Storm overflow map | United Utilities - Better Rivers](#). There is also the National Storm Overflow Map here [National Storm Overflow Hub for England](#). This is hosted by Water UK for all water companies in England with spill data available to download via an API. Both maps show spill data in near real time (within the hour of an event occurring).

We share detailed start stop data for every activation with the Environment Agency, once it has been through our data processing systems and processes to ensure the accuracy of the data on each overflow activation.

We hope that this response answers your request. However, if you're not satisfied with how we've handled it, you can request an internal review. To do this, please write to us at Environmental Information Office, Haweswater House, Lingley Mere, Warrington, WA5 3LP or email us at EIRRequests@uuplc.co.uk, addressing your request to [REDACTED], and explaining why you're unhappy with our response. We'll be very happy to review your request and ensure we've done everything we can to assist you.

Any request for an internal review should be made within 40 working days of receipt of this response, and we will reply within 40 working days from receipt of the request for internal review.

Kind regards