



MCERTS - EDM Inspection Report

Bronaber WwTW

18 November 2025

Report No. CFS/ 19649v1





Site Information



Site Name:	Bronaber WwTW	
Consent/Permit Holder:	Dŵr Cymru Welsh Water	
Site Address:	Off A470 Bronaber Gwynedd LL41 4UR	
Site Contact:	Statutory & Regulatory Maintenance Manager	
Contact Phone Number:	mcerts@dwrwymru.com	
Site Ref or Postcode:	733	
Grid Ref (Sensor):	SH 71148 31438	
Consent/Permit No:	CG0086701	
Location of EDM Sensor:	Waste water overflow to storm management system	
Number of EDMs:	1	
Instrument Type:	Type A (non contact) - R	
Instrument/Device(s):	Vega Vegapuls C22 with Vegamet 862	
Level Meter Serial Number:	73681645	
Sensor Serial Number:	73229807	
Date of Inspection:	18/11/2025	
Inspector:	Edward Moncrieff - MI 23 031	
Inspection Report No:	CFS/ 19649v1	
Survey Pack:	H	* Kit Inventory and calibration data recorded on central QMS database
Uncertainty:	± 2.2 mm	PASS
Site Compliance:	Following a site inspection, the measurement system was found to meet the requirements of the Environment Agency <i>MCERTS: requirements for installing and using event duration monitors - MCERTS Performance Standard</i> . Published 28th August 2024	

Site Details

Site Description

Bronaber WwTW is a sewage treatment works with biological trickling filters (see process diagram).

Location of Event Monitor(s)

The EDM is located above the Right sided storm weir in a channel

Overflow Point(s) Requiring Event Monitoring

Waste water overflow to storm management system (See Process Diagram.)

Verification / Calibration

The sensor was mounted on a rigid bracket with a removable datum plate to reference the sensor height relative to the hydraulic datum. The reference height of the datum plate has been set accurately and recorded.

Site Maintenance Arrangements, Evidence and Suitability

A routine maintenance schedule has not been confirmed but is required as part of the consent holders Quality Management System, as audited by CSA.
The level measurement system was found to be in a satisfactory condition at the time of the Inspection.

MCERTS Approved Product

The installed meter has a valid MCERTS Approved product certificate. Certificate number: CSA MC210360/01

System Observed in Operation

The EDM was not observed in a storm condition during the inspection. However, there is no evidence to suggest that the system would not be suitable, during a storm event.

Indicated Discharge Status

The indicated discharge status can be observed on site by:
A secondary display/indicator.

Telemetry Arrangements

The Event Monitor data is collected on the SCADA system.
The data is transmitted using an analogue 4/20mA signal

Inspector's Judgements, Comments or Changes to the Setup

V1 report issued with the following amendments:
On/Off spill points adjusted.
Telemetry commissioned 28/01/2026



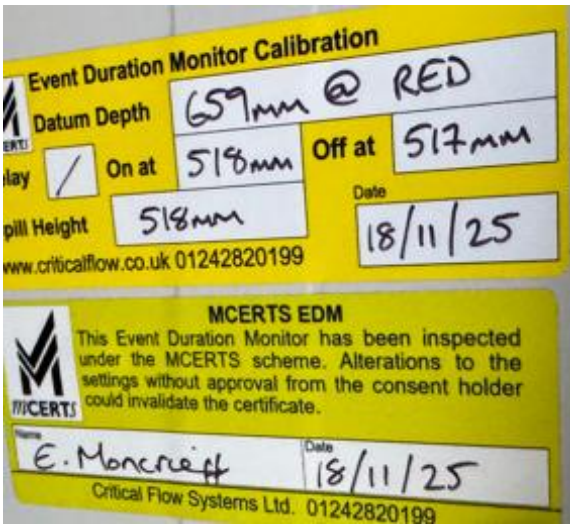
73229807



73681645

Level Sensor Location and Serial Number

Level Monitor Display and Serial Number

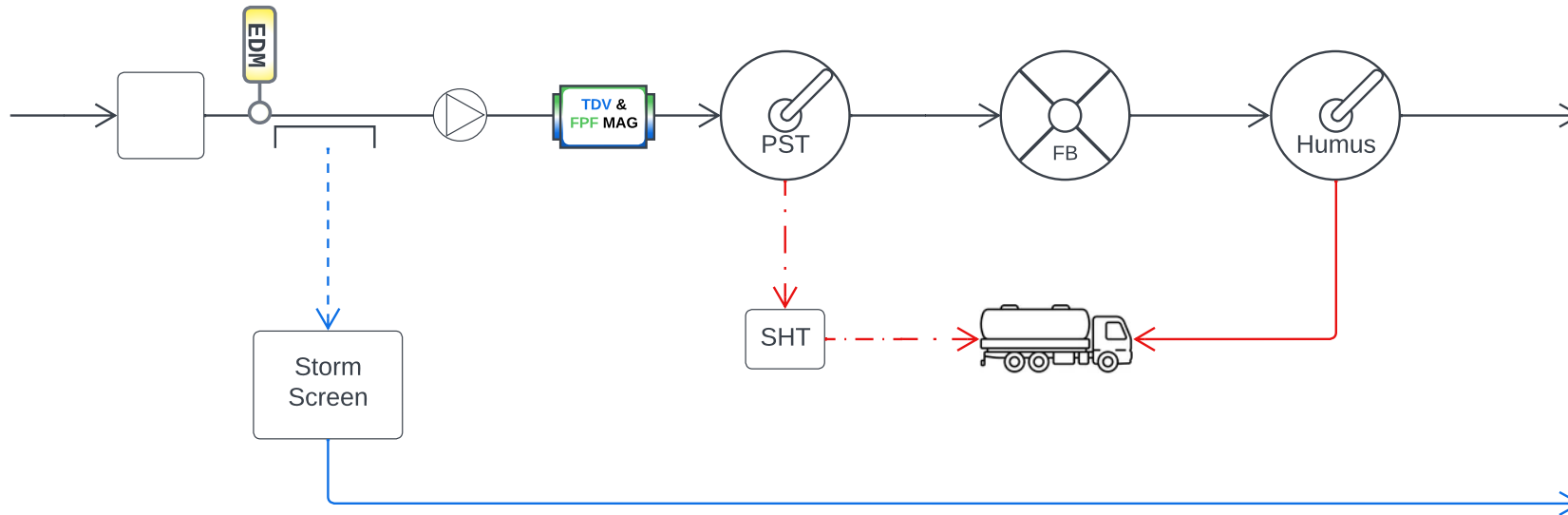


Calibration Stickers



Kiosk where Level Monitor Display is Located





<p>Treated Flow →</p> <p>Storm Flow →</p> <p>Storm Overflow →</p> <p>Humus Returns →</p> <p>Top Liquors →</p> <p>De-Sludge →</p> <p>Washwater →</p>	<p><i>Process interpreted from site visit and has not been confirmed</i></p> <p>Comments -</p>		<p>Process Diagram - Bronaber WwTW</p>	<p>Site Owner - DCWW</p>	<p>Date - 18/11/25</p>																			
		<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 10%;">Rev</th> <th style="width: 10%;">Date</th> <th style="width: 10%;">Drawn By</th> <th style="width: 70%;">Notes</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">18/11/25</td> <td style="text-align: center;">CSKH</td> <td style="text-align: center;">MCERTS EDM Inspection</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Rev	Date	Drawn By	Notes	A	18/11/25	CSKH	MCERTS EDM Inspection														
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