



MCERTS - EDM Inspection Report

Clynderwen WwTW

29 May 2025

Report No. CFS/ 18101



Version No. 25.7



Site Information



Site Name:	Clynderwen WwTW	
Consent/Permit Holder:	Dŵr Cymru Welsh Water	
Site Address:	Track off Llanfallteg Road Clynderwen Pembrokeshire SA66 7HB	
Site Contact:	Statutory & Regulatory Maintenance Manager	
Contact Phone Number:	mcerts@dwrcymru.com	
Site Ref or Postcode:	50576	
Grid Ref (Sensor):	SN 12357 18394	
Consent/Permit No:	BG0029501	
Location of EDM Sensor:	Last in line overflow	
Number of EDMs:	1	
Instrument Type:	Type A (non contact) - R	
Instrument/Device(s):	Vega Vegamet 862 with C 22	
Level Meter Serial Number:	69867819	
Sensor Serial Number:	67547487	
Date of Inspection:	29/05/2025	
Inspector:	Edward Moncrieff - MI 23 031/1	
Inspection Report No:	CFS/ 18101	
Survey Pack:	H	* Kit Inventory and calibration data recorded on central QMS database
Uncertainty:	± 2.5 mm	P A S S
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

Clynderwen 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

Last in line overflow (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:
The level activation - Access to telemetry required.

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 or Comments About the Installation

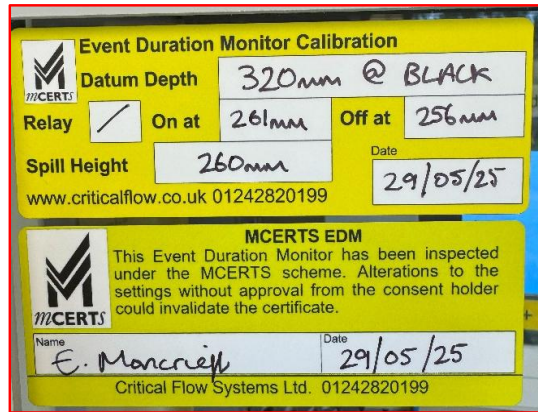
The height of the adjustable storm weir should not be changed. If changes are made then it will invalidate this report and a re-survey and calibration will have to be carried out.



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Level Meter



Device Information



Device name
VEGAMET 862
Serial number
69867819

Meas. loop 1 320mm
TAG-No. 1 Scaled



By tapping onto a measured value, you can change the measured value type.

OK

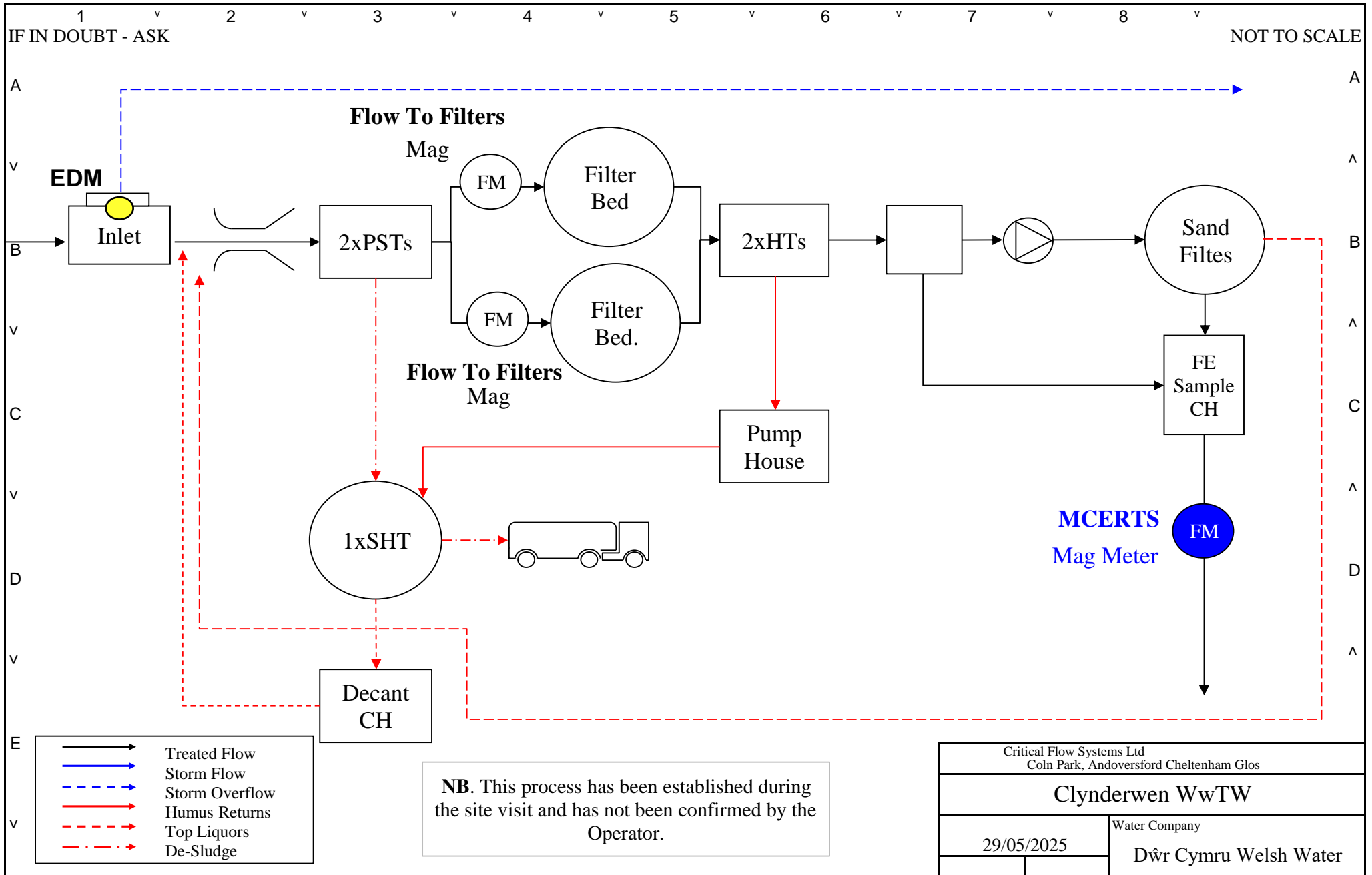
Level Meter Serial Number and Calibration Sticker

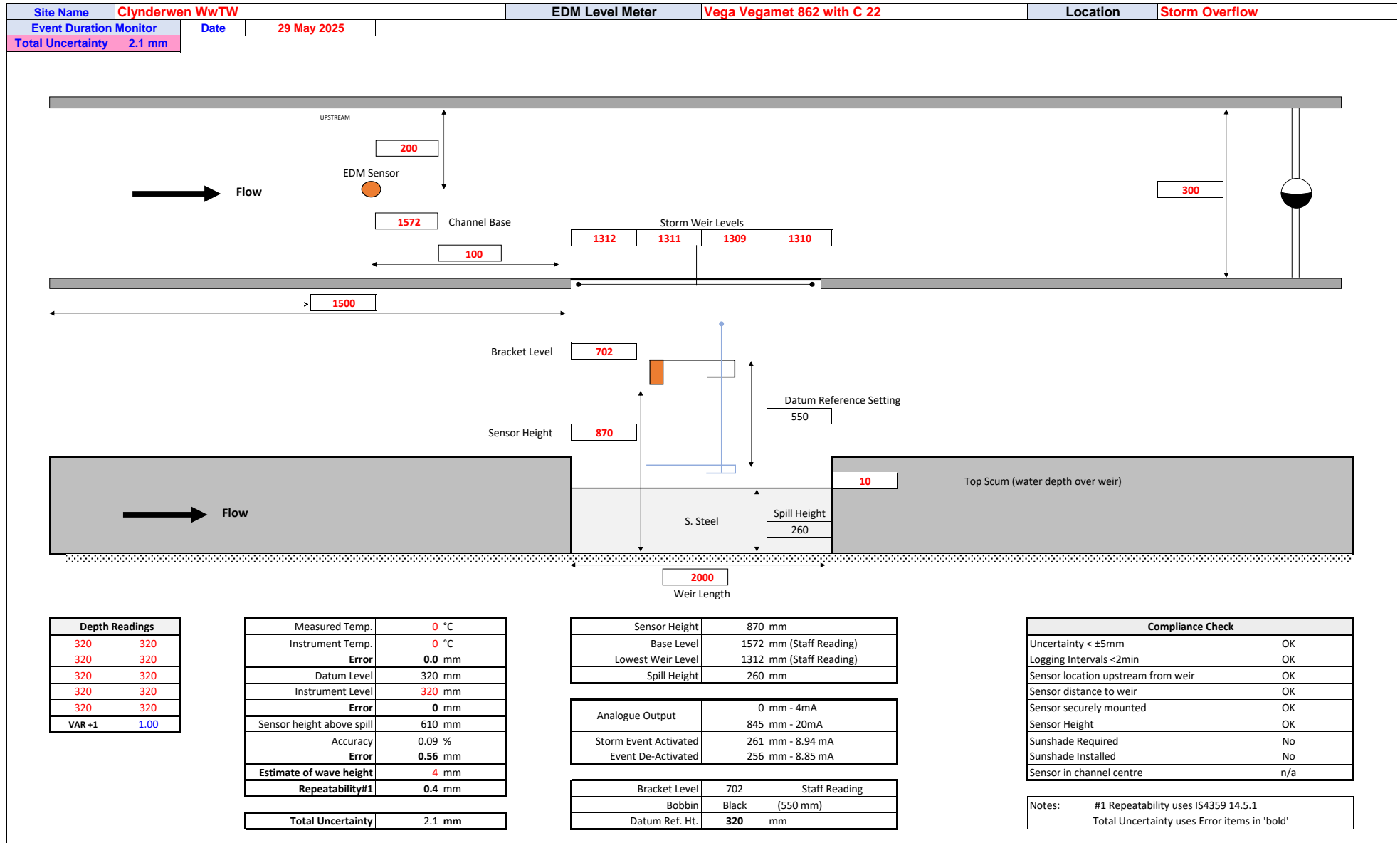


EDM Location



Sensor Serial Number





All dimensions in mm, unless stated otherwise.