



# MCERTS - EDM Inspection Report

## Carway WwTW

28 May 2025

Report No. CFS/ 18110



Version No. 25.7



## Site Information



<b>Site Name:</b>	Carway WwTW	
<b>Consent/Permit Holder:</b>	Dŵr Cymru Welsh Water	
<b>Site Address:</b>	Off B4317 Carway Carmarthenshire SA17 4HE	
<b>Site Contact:</b>	Statutory & Regulatory Maintenance Manager	
<b>Contact Phone Number:</b>	mcerts@dwrwymru.com	
<b>Site Ref or Postcode:</b>	50567	
<b>Grid Ref (Sensor):</b>	SN 45982 06936	
<b>Consent/Permit No:</b>	BC0017801	
<b>Location of EDM Sensor:</b>	Waste water overflow to storm management system	
<b>Number of EDMs:</b>	1	
<b>Instrument Type:</b>	Type A (non contact) - R	
<b>Instrument/Device(s):</b>	Vega Vegamet 862 with C 22	
<b>Level Meter Serial Number:</b>	69837820	
<b>Sensor Serial Number:</b>	73229599	
<b>Date of Inspection:</b>	28/05/2025	
<b>Inspector:</b>	Edward Moncrieff - MI 23 031/1	
<b>Inspection Report No:</b>	CFS/ 18110	
<b>Survey Pack:</b>	H	* Kit Inventory and calibration data recorded on central QMS database
<b>Uncertainty:</b>	± 2.6 mm	<b>P A S S</b>
<b>Site Compliance:</b>	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
Carway WwTW is a sewage treatment works with biological trickling filters (see process diagram).
Location of Event Monitor(s)
The EDM is located above the Left 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:  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



Level Meter Location



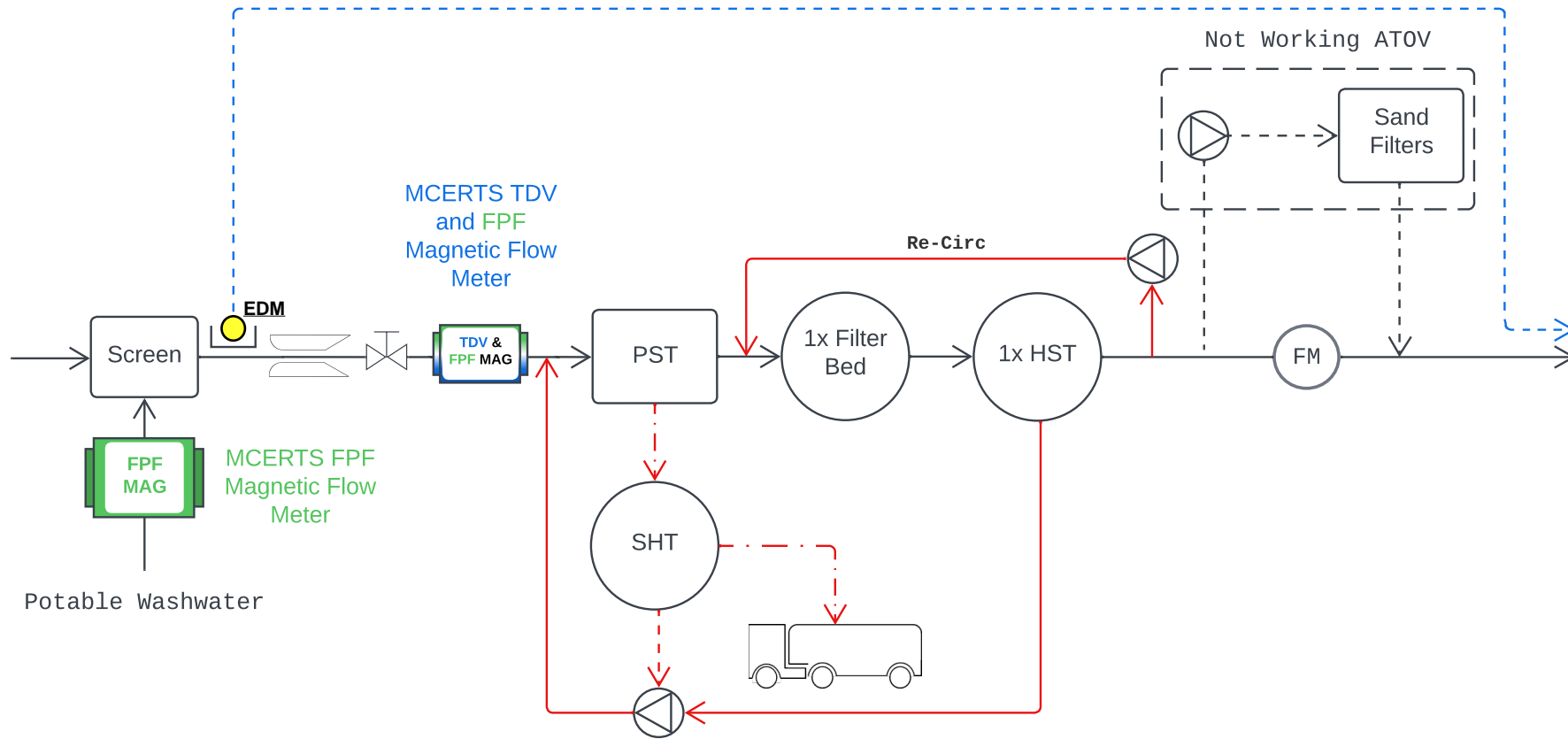
Level Meter & Serial Number



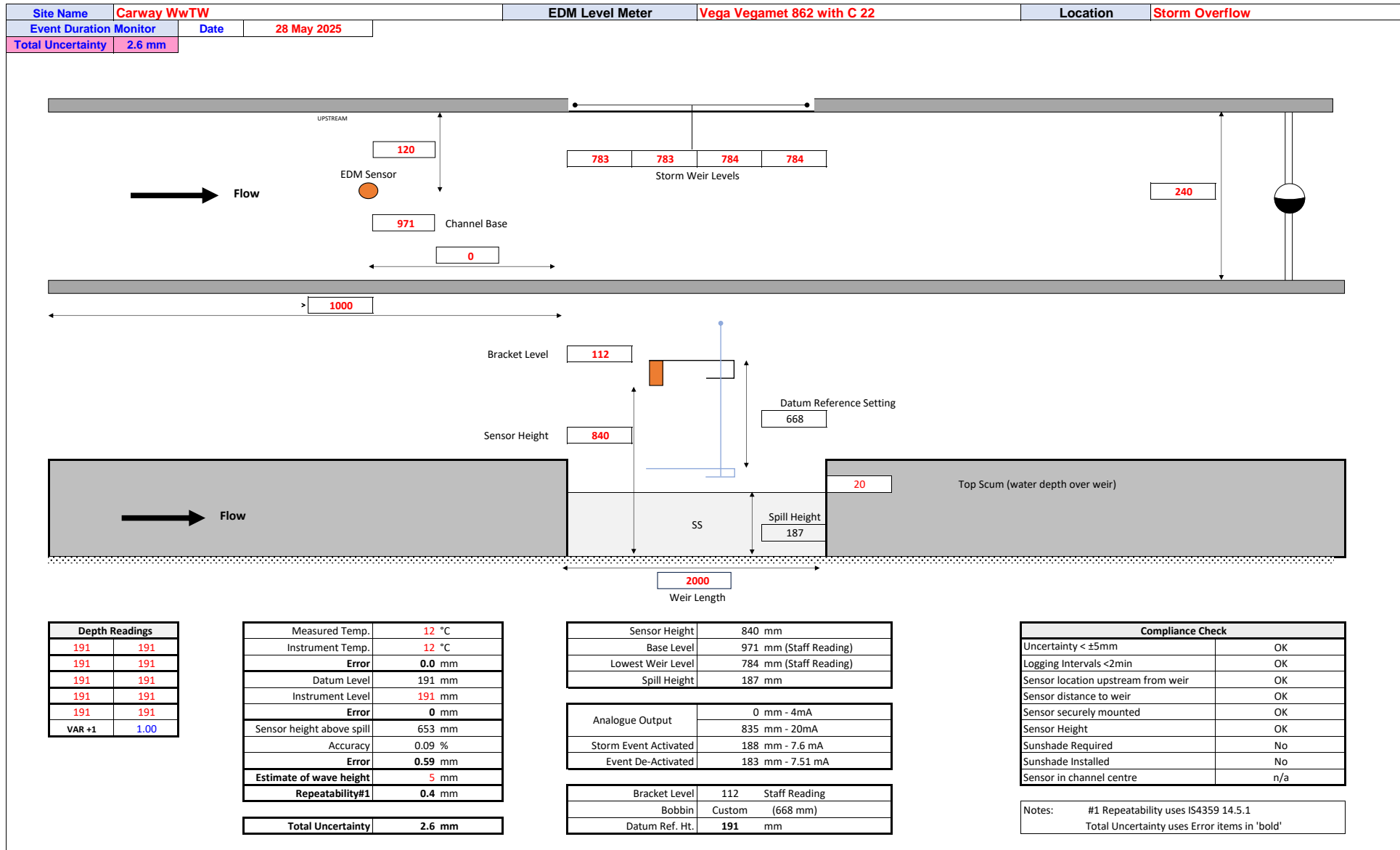
EDM Location



Sensor Serial Number



<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>Process interpreted from site visit and has not been confirmed</p> <p>Comments -</p>		<p>Process Diagram - Carway WwTW</p>	<p>Site Owner - DCWW</p>	<p>Date - 01/05/05</p>																				
			<table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Drawn By</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>01/05/24</td> <td>CFH</td> <td>Drawn Following MCERTS FPF Site Inspection</td> </tr> <tr> <td>B</td> <td>08/08/24</td> <td>PDR</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	01/05/24	CFH	Drawn Following MCERTS FPF Site Inspection	B	08/08/24	PDR											
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All dimensions in mm, unless stated otherwise.