



# MCERTS - EDM Inspection Report

## Llechrhyd SPS 1

10 September 2025

Report No. CFS/ 19150





## Site Information



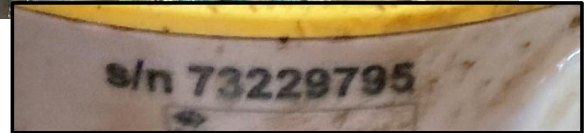
<b>Site Name:</b>	Llechryd SPS	
<b>Consent/Permit Holder:</b>	Dŵr Cymru Welsh Water	
<b>Site Address:</b>	Coedmor Lane, Llechryd, Ceredigion, SA43 2QA	
<b>Site Contact:</b>	Statutory & Regulatory Maintenance Manager	
<b>Contact Phone Number:</b>	mcerts@dwrwymru.com	
<b>Site Ref or Postcode:</b>	SA43 2QA	
<b>Grid Ref (Sensor):</b>	SN 21356 43755	
<b>Consent/Permit No:</b>	BP0251301	
<b>Location of EDM Sensor:</b>	Sewage Pumping Station	
<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>	69625559	
<b>Sensor Serial Number:</b>	73229795	
<b>Date of Inspection:</b>	10/09/2025	
<b>Inspector:</b>	Joe Ramsden - MI 25 037	
<b>Inspection Report No:</b>	CFS/ 19150	
<b>Survey Pack:</b>	C	* Kit Inventory and calibration data recorded on central QMS database
<b>Uncertainty:</b>	± 2.4 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
Llechrhyd SPS is a sewage pumping station with storm discharge consent.
Location of Event Monitor(s)
The EDM is located above the Pump sump storm overflow pipe
Overflow Point(s) Requiring Event Monitoring
Sewage Pumping Station (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
<p style="text-align: center;"><b>Telemetry:</b></p> <p>No confirmation of telemetry could be determined whilst on site. The alarm set points and scaling at telemetry (SCADA) should be matched to those found on site (and in this report, highlighted in yellow).</p>



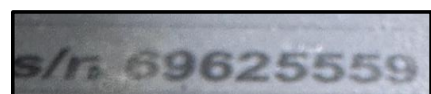
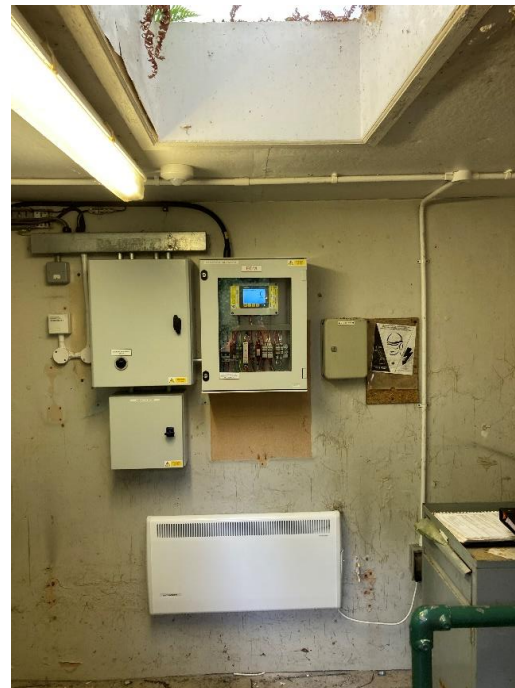
Location of Spill Point



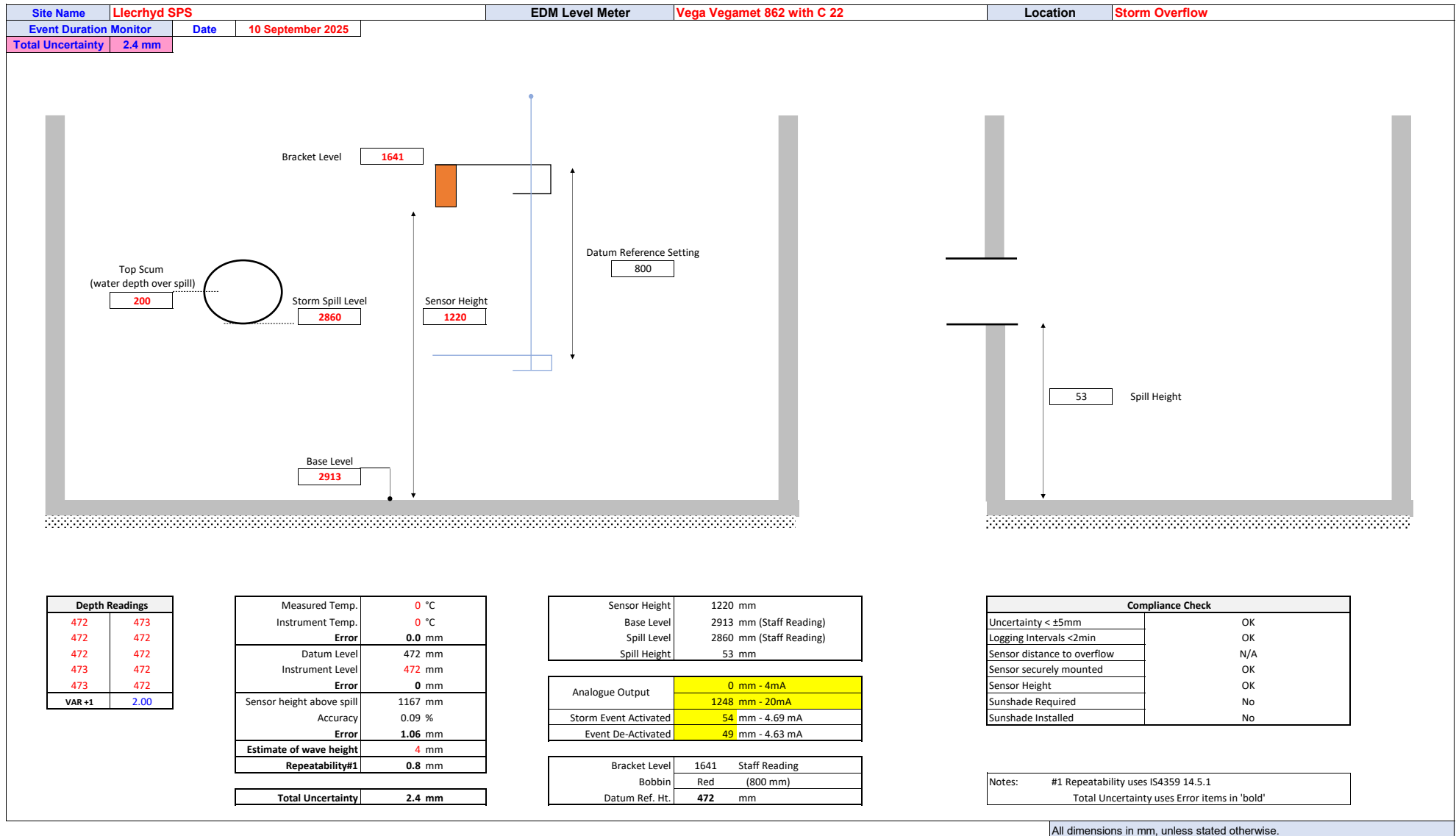
Spill Point and Sensor Serial Number



EDM Display Location

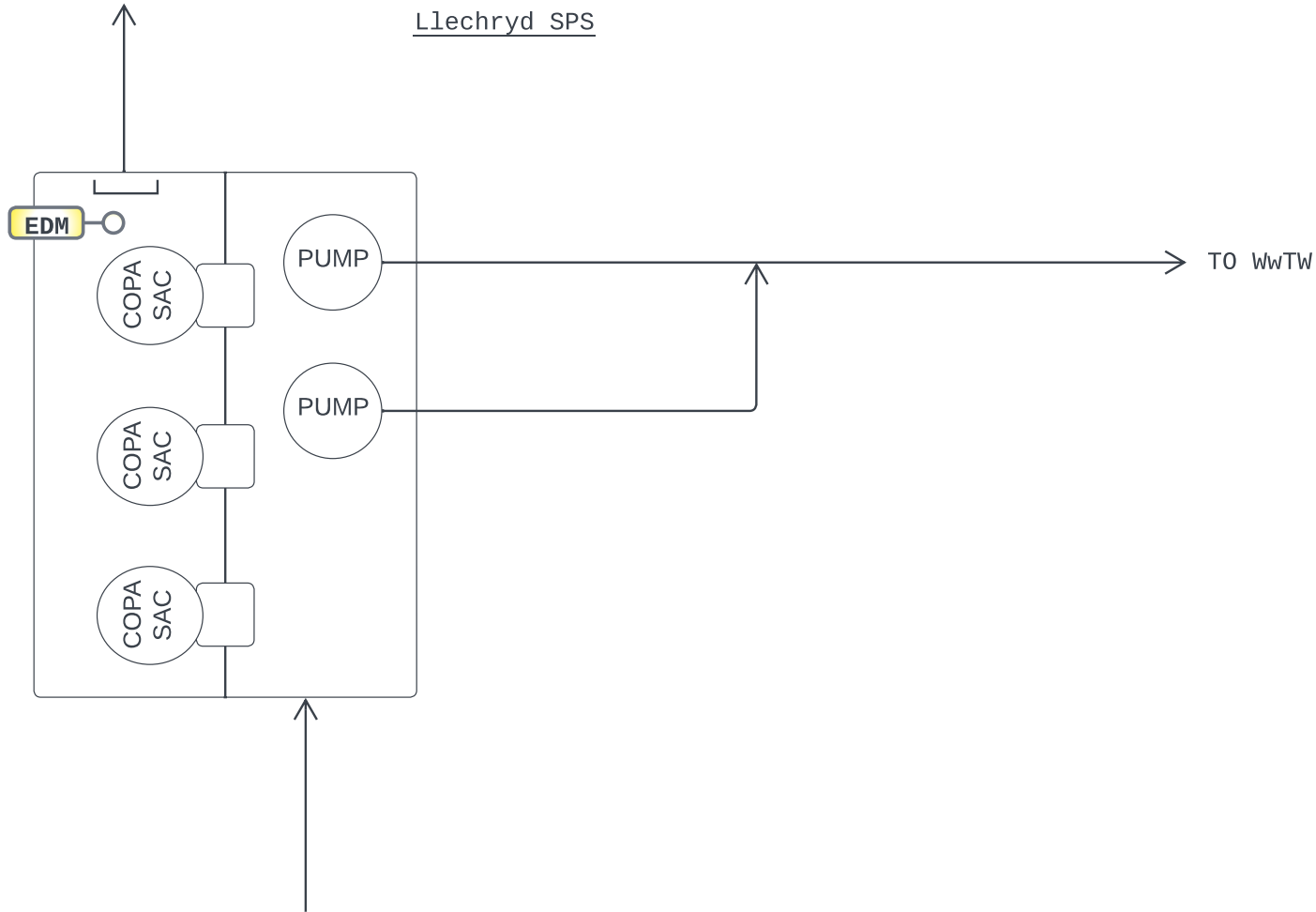


EDM Display and Serial Number



Discharge To  
Water Course

Llechryd SPS



<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 - Llechryd SPS1</p>	<p>Site Owner - DCWW</p>	<p>Date - 10/09/25</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;">10/09/25</td> <td style="text-align: center;">CJC</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	10/09/25	CJC	MCERTS EDM Inspection														
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