

Compliance Assessment Report CAR_NRW0049274

Permit being assessed: LP3422XU

For: EO AT GLYN DERW SPS, held by DWR CYMRU CYFYNGEDIG

At: GLYN DERW SEWAGE PUMPING STATION, GLYN DERW, DERI, BARGOED, CF81 9GS.

Type of assessment carried out: Site Inspection, Reason: Routine.

On 28/08/2025, between 10:04 and 10:45.

Parts of permit assessed: Site infrastructure and operations

NRW Lead Officer: Elis Nuttall.

Report sent to: DCWW, Water Industry, on 02/10/2025.

1. Summary of our findings (full details in section 4)

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-B3 - Water Quality - Operations - Operating techniques	Action only (X)	
WQ-A1 - Water Quality - Management - General management	Action only (X)	
WQ-A1 - Water Quality - Management - General management	Action only (X)	
WQ-A1 - Water Quality - Management - General management	Action only (X)	

Result types are explained in more detail in the 'Important Information' section below.

2. What action is required?

Criteria	Action needed	Complete by
WQ-B3	Provide details on the communications failures at the site between the 07/04/2025 and 12/04/2025 as well as the associated work log and confirmation of completion.	16/10/2025
WQ-A1	Confirm the wet well cleaning/maintenance regime and when it was last cleansed.	16/10/2025
WQ-A1	Confirm the sensor/EDM monitor's maintenance history and when it was last calibrated.	16/10/2025
WQ-A1	Provide NRW with a copy of DCWW's standardised emergency response plan for SPS assets.	16/10/2025

Action criteria codes are listed in the 'Important information' section below.

3. What will happen next?

Any non-compliance we have identified and recorded on this form is an offence. It can result in criminal prosecution and/or suspension or revocation of your permit.

At this time, we do not intend to take any further action.

This statement does not stop us from taking additional enforcement action if further relevant information comes to light or offences continue.

4. Details of our assessment**Site Visit Report**

This report details the site visit made by Natural Resources Wales (NRW) on the 28/08/2025 to Glyn Derw SPS (Darran Valley SPS) operated by Dŵr Cymru Welsh Water (DCWW), permit reference number EPR-LP3422XU.

I (NRW Environment Officer Elis Nuttall) attended Glyn Derw SPS, Deri at 10:04 for a water quality permit compliance inspection where I met with DCWW Catchment Performance Manager (MM). The weather was overcast with intermittent rain during the visit.

General Observations

This permit consents a water discharge activity for the discharge of sewage in an emergency from a Sewage Pumping Station (SPS) via an outlet to Nant Bargoed at SO1267102129. An emergency, as defined in the permit, is a period when the SPS is inoperative as a result of electrical power failure, mechanical breakdown of duty and standby pumps, rising main failure or a blockage of the downstream sewer which is not due to the act or default of the operator. There are no set limits for the EO discharge. The recording of the start and end time of a discharge and monitoring the duration are the only requirements. The sample point of the EO is the same as the discharge point to Nant Bargoed at SO1267102129.

Note that there are no permit conditions pertaining to the infrastructure of the SPS itself. However, they are assessed visually as part of this report and advice & guidance may be given regarding their management.

The site was operational at the time of the visit.

Initial Discussions

As this was my second regulatory visit to the site I began my discussions highlighting the actions from the previous inspection. All actions were completed with no outstanding issues to be resolved.

Regarding general site operations, it was noted that no major issues or failures had occurred at the site, with minor comms failures which are rectified by DCWW with a power down and re-boot of the system. Four instances of these power failures occurred between 07/04/2025 and 12/04/2025 with MM noting they were potentially caused by trips in the electrical system. It is noted that these issues did not cause the pumping station to become inoperable, and only the communications system was impacted. From the site log book it is clear DCWW acted promptly and effectively in all instances to return the communications system to operational conditions. I requested details on these minor

failures to be sent to NRW for info. This is reflected in the actions list below.

As stated during the previous inspection, no environmental monitoring/water quality sampling is undertaken at this site.

Site Infrastructure

The site is completely accessible with no restrictions present. The wet well and valve chambers were secured with locked chambers and safety grates, as seen in Figure 1. The control box and infrastructure are all located within a locked and secure fenced area. MM stated no issues regarding vandalism or unauthorised access had occurred at the site.



Figure 1 – Chambers secured as observed during the visit.

The wet well was inspected. It is of concrete construction and appeared to be in good condition with no observable cracks or defects. All pipework and internal infrastructure were free of excessive corrosion likely to inhibit operational effectiveness. There was no excessive odour present at the time of the visit and the site was not discharging to the watercourse. The cleaning schedule of the wet well was queried, to which MM was uncertain but stated that they could confirm this via communications at a later date. This is reflected in the actions list below.

A level head controller was in place which was also stated to be the site's EDM sensor. This is evidenced in Figure 2. When the sensor's servicing history was queried, MM did not know precisely when it was last serviced or calibrated but stated maintenance was undertaken in March 2025 which is part of routine maintenance and that there is a

scheduled program to undertake this work. I requested that details of this maintenance be shared with NRW for references. See the actions list for further details.



Figure 2 – The wet well as observed during the visit.

It was noted that there are two pumps maintained on site, the main duty pump and a standby pump, both of which are located within the wet well and can be seen in Figure 2. There was no excessive or concerning noise coming from the pump during this visit, noting effective use and no excessive wear. MM noted that these pumps are serviced on a 2-yearly plan.

The valve chamber was inspected and was found to be secure, accessible and free of excessive corrosion as seen in Figure 3. This is also where the site's over pumping point is located.



Figure 3 – The valve chamber as observed during the visit.

The control box and panel were inspected and found to be clean and dry with no condensation build-up or signs of damage. This is evidenced in Figure 4. While there is no on site generator to be implemented in times of power loss, the facilities to install a mobile/temporary generator are present and accessible. This is seen in Figure 5 (large red socket). The emergency stop function was located and confirmed to be operational, although DCWW have never had to use it at this site. When details on emergency response plans for the site were requested, MM stated that DCWW operate a standardised response plan for all SPS assets. I requested that a copy of this plan be shared for reference and is reflected in the actions list below.



Figure 4 – The control box and panel as observed during the visit.



Figure 5 – The point where an external backup generator can be plugged in.

The discharge/monitoring point was confirmed to be situated in the listed location (~SO1267102129) and was accessible if required. There was no discharge at the time of the visit with no evidence of sewage debris or fungus present indication very infrequent spills. MM noted that DCWW were not aware if the site has ever experienced a spill which has impacted the watercourse. These observations can be seen in Figure 6.



Figure 6 – The discharge/monitoring point as observed during the visit.

No further observations were made during this visit.

Final Discussions

I outlined my observations and action with MM and noted that no breaches of permit conditions were recorded during this visit. When asked if they had any questions, MM queried what NRW classified this asset as i.e. high, medium or low risk. I did not know this information at the time of the visit but agreed that I would confirm this with MM via email. It was noted that the site was previously a CSO which may have contributed to the current classification. No further questions were raised.

I left site at 10:45.

Breaches of permit condition

No breaches of permit condition were recorded during this visit. Please see a list of actions below.

Action required by dates specified

1. Provide details on the communications failures at the site between the 07/04/2025 and 12/04/2025 as well as the associated work log and confirmation of completion.

Deadline: 16/10/2025

2. Confirm the wet well cleaning/maintenance regime and when it was last cleansed.

Deadline: 16/10/2025

3. Confirm the sensor/EDM monitor's maintenance history and when it was last calibrated.

Deadline: 16/10/2025

4. Provide NRW with a copy of DCWW's standardised emergency response plan for SPS assets.

Deadline: 16/10/2025

If we do not receive the information requested within specified deadline and have not been informed as to why there is a delay then we may serve a Regulation 60 Notice requiring the information under Environmental Permitting (England and Wales) Regulations 2016.

Other advisory comments

No advisory comments or actions.

Contact details

If you have any queries regarding this CAR form or to provide an update on any actions above, please contact me using the following details: Elis Nuttall, Environment Officer, elis.nuttall@cyfoethnaturiolcymru.gov.uk, 03000 65 4651.

Thank you,

Elis Nuttall.

If you have any queries about this report, or to discuss completion of any actions, please contact the NRW Officer named above.

Important information

Legal status of this report

Your permit is issued to you under the Environmental Permitting Regulations. You have a responsibility to comply with the conditions of your permit and prevent pollution/harm to the environment. You must also ensure that you comply with any other relevant legislation that may apply to your site's operations.

This report explains the findings of our assessment and any action you are required to take. We categorise non-compliance using our guidance for assessing non-compliance at regulated sites.

When we find potential non-compliance/s we will normally give you advice on how to maintain compliance.

To correct non-compliance, we may:

- require you to take specific actions
- issue a notice
- review the conditions of your permit.

Any advice and guidance we give will be without prejudice to any other enforcement response that we consider may be required.

Assessment results and non-compliance categories (used in section 1):

Assessment result	Description
Assessed (A)	Assessed or assessed in part, no evidence of non-compliance found
Action only (X)	Action only relating to the activity assessment
Ongoing (O)	Ongoing non-compliance, not scored

Non-compliance category	Description
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property

If your assessment result in Section 1 is suspended, what does this mean?

In line with our guidance, we may suspend non-compliance for up to six months to allow time for remedial action to be taken. These will be re-instated if the action is not completed.

Full list of water quality action criteria (used in section 1 and 2):**WQ A: Management**

- WQ-A1 General management

WQ B: Operations

- WQ-B1 Permitted activities
- WQ-B2 The site
- WQ-B3 Operating techniques
- WQ-B4 Improvement programme
- WQ-B5 Pre-operational conditions

WQ C: Emissions and monitoring

- WQ-C1 Emissions to water
- WQ-C2 Emissions to land
- WQ-C3 Emissions of substances not controlled by emission limits
- WQ-C4 Installation of monitoring boreholes

WQ D: Information

- WQ-D1 Records
- WQ-D2 Reporting
- WQ-D3 Notifications

Enforcement response

Any permit condition non-compliance is an offence and we may take legal action against you. Action we take can include prosecution, serving a notice on you and/or suspension or revocation of your permit. See our Enforcement and Sanctions Guidance for further information.

Data protection notice

You should make sure that anyone named in this report knows that the information it contains will be processed by Natural Resources Wales to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s).

We may also use and/or disclose the report in connection with:

- offering or providing you with our literature or services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. Health and Safety Executive, local authorities) on environmental issues
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law
- assessing customer service satisfaction and improving our service
- Freedom of Information Act or Environmental Information Regulations requests.

We may also pass it on to our agents or representatives to do these things on our behalf.

Disclosure of information – this report will be available to view on-line

If you think this report contains commercially confidential information that should not be placed on our public register, you must contact your local Natural Resources Wales office within **fifteen working days** of receiving this report, using the contact details in the accompanying email or letter. You must give a full explanation of why it should not be

added to our public register, including specifying which information is commercially confidential. We will assess your request and respond to you within 20 working days to let you know if we agree to your request.

What do I do if I disagree with the report or have a complaint?

If you disagree with this compliance assessment report, you should contact the lead officer without delay to discuss your concerns.

If you are unable to resolve the issue with the lead officer or their line manager you should contact our Customer Contact team on 0300 065 3000 (Monday to Friday 08:00 – 18:00), or email enquiries@naturalresourceswales.gov.uk for details of how to raise your dispute further through our Complaints and Commendations procedure.

If you are dissatisfied with our response, you can contact the Public Services Ombudsman for Wales by phone on 0300 7900203 or by email at ask@ombudsman.wales

Welsh Language Standards

We are committed to establishing Natural Resources Wales as a naturally bilingual organisation. We will provide compliance reports in your preferred language.