

Compliance Assessment Report CAR_NRW0045490

Permit being assessed: AN0293901

For: SPS At Corporation Road Liswerry, held by DWR CYMRU CYFYNGEDIG

At: SPS At Corporation Road Liswerry, Nr 449 Corporation Rd, Liswerry, Newport, NP19 0HE.

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

On 23/10/2024, between 10:00 and 11:05.

Parts of permit assessed: Permitted Operations

NRW Lead Officer: Elis Nuttall.

Report sent to: DCWW, Regulatory Compliance, on 04/11/2024.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-D1 - Water Quality - Information - Records	Action only (X)	
WQ-D1 - Water Quality - Information - Records	Action only (X)	
WQ-A1 - Water Quality - Management - General management	Action only (X)	
WQ-B1 - Water Quality - Operations - Permitted activities	Action only (X)	
WQ-B1 - Water Quality - Operations - Permitted activities	Action only (X)	
WQ-B1 - Water Quality - Operations - Permitted activities	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-D1	Provide data records for the asset showing the last time it was active.	11/11/2024
WQ-D1	Provide records of maintenance regarding the works being done on the pumps	11/11/2024
WQ-A1	Check to see if the asset has an emergency plan and provide a copy if available.	11/11/2024
WQ-B1	Confirm the storage capacity available in the storm well and a vortex chamber.	11/11/2024
WQ-B1	Provide photos of the screens in operation as evidence that	11/11/2024

Criteria	Action needed	Complete by
	they are working as designed.	
WQ-B1	Identify and gain access to the storm sewage outfall. Provide NRW with photographic evidence of its condition.	11/11/2024
WQ-A1	Arrange a re-visit date with Environment Officer Elis Nuttall.	11/11/2024

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 on the 23/10/2024 to Liswerry Sewage Pumping station, permit reference number EPR-AN0293901.

I (NRW Officer Elis Nuttall) attended Liswerry Pumping Station, Corporation Road, Newport, NP19 0HE at 10:00 for a routine permit compliance inspection where I met with the DCWW Operational Supervisor for the East Catchment. The weather was dry and mild at the time of the visit.

Site Observations

General Observations

The site is a sewage pumping station, with the permit itself regulating the emergency storm sewage system.

The permit consents the discharge of storm sewage only via a 1830 millimetre pie to the River Usk Estuary at ST32948700. Discharge is consented to only occur when the flow in the sewer (storm overflow chamber) exceeds 840 litres per second. The consent does not stipulate any Water Quality standards other than the discharge shall pass through a screening device with apertures no greater than 6mm, with all screenings removed to prevent entry to the discharge.

The site was operational at the time of the visit.

Site Infrastructure

A brief meeting was held with DCWW operators to discuss the history and current operations of the asset. This is the first visit that NRW have on record for this permit. Through this discussion it was stated the asset is formally known as Liswerry Pumping Station.

It was noted that only two of the four pumps were operational at the time of the visit with

maintenance ongoing due to a drive error. This work will hopefully be complete within two weeks of the visit, but I was reassured that the asset can function within capacity with the two operational pumps. It was also stated that there was no access to the storm sewage screens within the wet well at the time of the visit due to ongoing capital works. As a result, the associated conditions (5 a, b, and c) could not be assessed during this visit.

There have been no significant changes in the operation of the asset since the permit was issued with no major incidents recorded. Access to the site is easy, security barriers and gates are in place, of which DCWW operators always have access to the requisite keys.

An inspection of the asset components within the pumping station (that could be assessed) was conducted.

When asked about the resilience of the system in the event of a power failure it was stated that the asset operates on a dual supply, meaning that if the primary power supply is compromised, the secondary supply should kick in. If both supplies are compromised, a temporary generator on site will ensure that the penstock is closed temporarily, isolating the flow within the storage tanks. The capacity of these tanks was not known by the operators at the time of the visit, but they were described as a storm well and a vortex chamber. A request will be made for the details of this storage capacity system.

The storm sewage system was last active the week prior to this visit due to the heavy rainfall and large volume of water runoff into the combined sewers in the area. Data will be requested to show the recent activity of the asset. The telemetry system was observed to be in operation and working as designed, as seen in Figure 1.

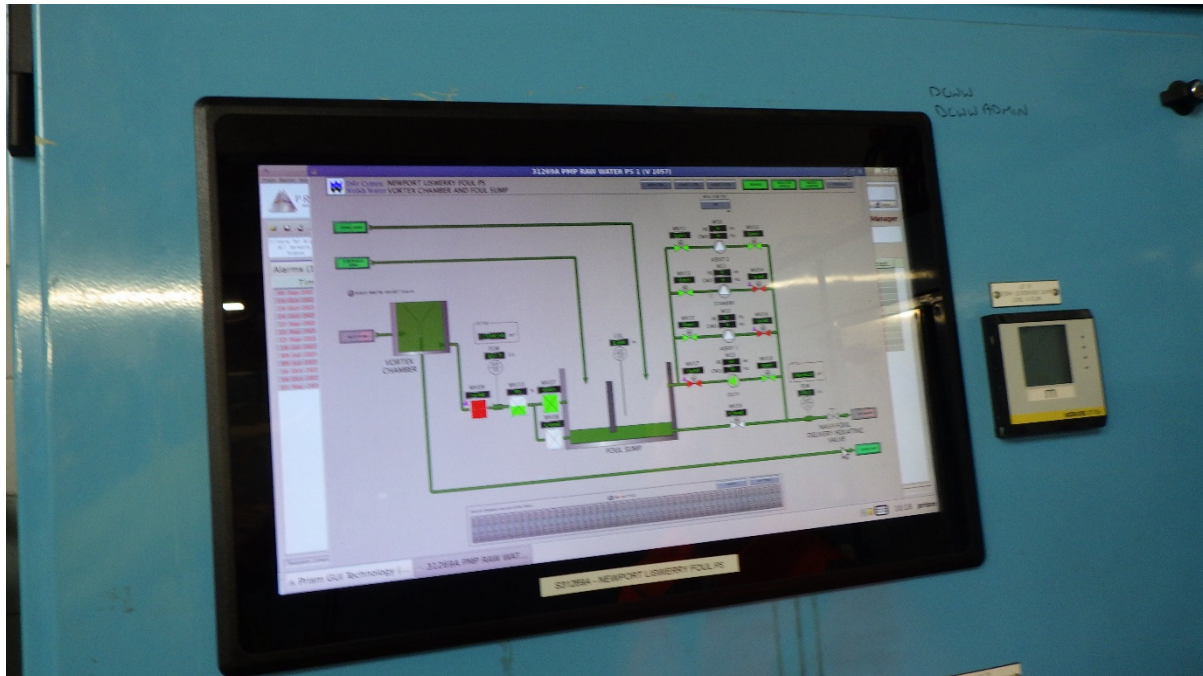


Figure 1: Site visit photo – Telemetry system observed to be operational at the time of the visit.

A maintenance schedule and emergency plan (if one is available) was requested from DCWW verbally during the visit. This is reflected in the actions list below.

Due to no further infrastructure being available for inspection within the pumping station at

the time of the visit, an inspection of the outfall was conducted.

DCWW operators led me to the point they believed the outfall to be located. Two flap valves were observed at this location (ST3267186835). However, on checking the grid references on returning to the office, it was discovered that these outfalls were for the local surface water drainage, and that the listed discharge point is ~320m away on Liswerry Pill. This is outlined in Figure 2. Access to this outfall is uncertain as there is no clear public right of way and is located within an area of wetlands/reedbeds. The condition of the outfall will need to be checked in a subsequent visit.

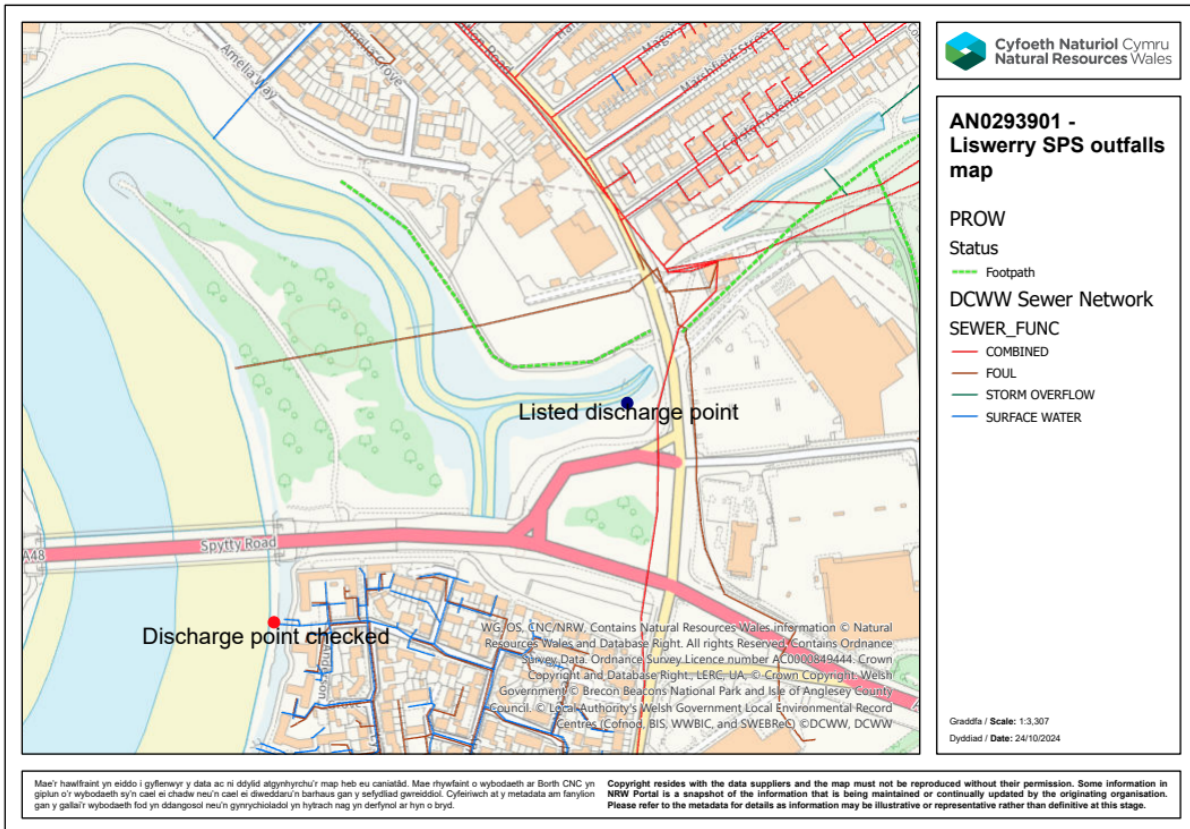


Figure 2: Site map – Location of the listed discharge point against where DCWW operators lead me during the visit.

I discussed the need for a re-visit to assess the infrastructure which could not be observed during this visit with DCWW operators, to which they agreed.

I left site at 11:05.

Breaches of permit condition:

No breaches were recorded during this visit. However, a revisit will need to be conducted to observe both the screens and the listed discharge point/outfall.

Please see a list of actions below.

Action required by dates specified:

1. Provide data records for the asset showing the last time it was active.

Deadline: 11/11/2024

2. Provide records of maintenance regarding the works being done on the pumps

Deadline: 11/11/2024

3. Check to see if the asset has an emergency plan and provide a copy if available.

Deadline: 11/11/2024

4. Confirm the storage capacity available in the storm well and a vortex chamber.

Deadline: 11/11/2024

5. Provide photos of the screens in operation as evidence that they are working as designed.

Deadline: 11/11/2024

6. Identify and gain access to the storm sewage outfall. Provide NRW with photographic evidence of its condition.

Deadline: 11/11/2024

7. Arrange a re-visit date with Environment Officer Elis Nuttall.

Deadline: 11/11/2024

Other advisory comments:

Please let me know when the infrastructure that I could not assess during this visit due to maintenance works are available to observe. I will arrange a follow up visit to complete these assessments. This will be in conjunction with a visit to assess the Emergency Overflow permit (ref. EPR- AN0293801).

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.

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@naturalresourceswales.gov.uk, 0300 065 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.