

Compliance Assessment Report CAR_NRW0041180

Permit being assessed: AB3191FR.

For: Parc Stormy Anaerobic Digestion Facility, held by Severn Trent Green Power (Bridgend) Limited

At: Stormy Down, Porthcawl, Bridgend, Mid Glamorgan, CF33 4RS.

Type of assessment carried out: Report/Data Review, Reason: Routine.

On 31/12/2022.

Parts of permit assessed: Annual Reports

NRW Lead Officer: Mostyn Wall.

Report sent to: Maria Priestley, Permits and Accreditation Officer on 17/02/2023.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
G1 - Monitoring and Records, Maintenance and Reporting - Monitoring of emissions and environment	Action only (X)	
G1 - Monitoring and Records, Maintenance and Reporting - Monitoring of emissions and environment	C4 No impact	4.2.3

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

Total number of non-compliances recorded	Total non-compliance score
1	0.1

How we use the non-compliance score to calculate your annual fee is explained in the 'Important Information' section below.

2. What action is required?

Criteria	Action needed	Complete by
G1	Ensure that the sites EMS is updated to include the monitoring and reporting for A5	31/03/2023
G1	STGP to undertake and review 4 rounds of bioaerosol monitoring in 2023.	30/04/2023

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

Parc Stormy 2022 Annual Returns

STGP sent NRW the reporting forms on the 13.01.2023.

Permit condition 4.2.3 Monitoring of emissions

Monitoring of Emissions points A1 and A2 are compliant with the permit.

The monitoring of A5 for both Hydrogen Sulphide and Ammonia has not been completed for 2022. The monitoring of A5 came into effect on the 17.08.2022. The site states that the monitoring is scheduled for January 2023 and will be reported in 2023.

Action. Ensure that the sites EMS is updated to include the monitoring and reporting for A5.

Bioaerosol Monitoring is required by the permit to be undertaken quarterly. CAR form NRW0040412 stated that the site must undertake quarterly bioaerosol monitoring as required by the permit. NRW will assess the results of the quarterly bioaerosol monitoring rounds before deciding on any future monitoring requirements at the installation.

Non-compliance: A category 4 non-compliance is given due to the non-submission of the bioaerosol monitoring. This is a breach under condition 4.2.3. **It is an offence under Regulation 38(2) of the Environmental Permitting Regulations (consolidated 2016) to breach a permit condition or emission limit. Non-compliance score 0.1.**

Action. STGP to undertake and review 4 rounds of bioaerosol monitoring in 2023.

Water Usage for 2022

The site used 405.7 m³/year of mains water and 4318 m³/year from the sites own borehole. Total water usage was 4768.7.

Energy Usage for 2023.

The site used 24.55 MWh of primary electricity. 7.656 MWh primary energy from gas oil was used. Gas oil is used for fuelling the site telehandler and pressure washer. Increased site maintenance in 2022 resulted in an increase usage of gas oil.

Performance indicators for 2022.

Reporting of other performance indicators for the period 01/01/2022 to 31/12/2022 effective from 17 August 2022

Parameter	Units
Power output - electricity	24,932 MWh
Energy efficiency	431.635 MWh/m ³ biogas
Electrical energy exported to the grid	22,037.401 MWh
Electrical energy drawn from the grid	10.231 MWh
Total raw material used	999.267 tonnes
Operational time of emergency flare	0.003 %
Amount of gas sent to flare	36,660 m ³
Amount of biogas combusted in the CHP unit per day	14,741 m ³ /day
Generation of residues	2,684.62 Tonnes
Generation of wastewater	0 m ³

The site commentated that a major service on the CHP resulted in an increase in power imported from the grid.

Total amount of waste and raw materials 68,518.857 tonnes (999.267 raw materials, 67,519.59 waste)

The site explained the reason for more waste processed was due to a change in STS processes in their facility that produces the milk whey liquid feedstock has resulted in a less calorific liquid waste been used in the process therefore leading to an increase in solid waste been processed and treated at Stormy to make up the short fall in biogas lost.

Waste Returns

NRW received the waste returns on time and are compliant with the permit.

END.

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 of 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	Score
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property	60
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property	31
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property	4
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property	0.1

How we use assessment scores

The number and severity of non-compliances recorded in a year will affect your annual subsistence fee the following year. A non-compliance factor is added to your site's Operator

Performance Risk Appraisal (OPRA) score when we calculate your fee to reflect the additional resource we use to assess permit compliance.

What are suspended scores?

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

Full list of Industry and Waste action criteria (used in section 1 and 2):**A: Permitted activities**

- A1 Specified by permit

B: Infrastructure

- B1 Infrastructure – Engineering for prevention and control of emissions
- B2 Infrastructure – Closure and decommissioning
- B3 Infrastructure – Site drainage engineering (clean and foul)
- B4 Infrastructure – Containment of stored materials
- B5 Infrastructure – Plant and equipment

C: General management

- C1 General management – Staff competency/training
- C2 General management – Management system and operating procedures
- C3 General management – Materials acceptance
- C4 General management – Storage, handling, labelling and segregation

D: Incident management

- D1 Incident management – Site security
- D2 Incident management – Accidents, emergency and incident planning

E: Emissions

- E1 Emissions – Air
- E2 Emissions – Land and groundwater
- E3 Emissions – Surface water
- E4 Emissions – Sewer
- E5 Emissions – Waste

F: Amenity

- F1 Amenity – Odour
- F2 Amenity – Noise
- F3 Amenity – Dust/fibres/particulates and litter
- F4 Amenity – Pests/birds and scavengers
- F5 Amenity – Deposits on road

G: Monitoring and records, maintenance and reporting

- G1 Monitoring and records, maintenance and reporting – Monitoring of emissions and environment
- G2 Monitoring and records, maintenance and reporting – Records of activity, site diary/journal/events
- G3 Monitoring and records, maintenance and reporting – Maintenance records
- G4 Monitoring and records, maintenance and reporting – Reporting and notification to Natural Resources Wales

H: Resources efficiency

- H1 Resource efficiency – Efficient use of raw materials
- H2 Resource efficiency – Energy efficiency

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.