

Compliance Assessment Report CAR_NRW0050540

Permit being assessed: BU8819IV.

For: Pwllfawatkin Landfill Site EPR/BU8819IV, **held by:** FCC Waste Services (UK) Limited

At: Pwllfawatkin Landfill Site , Pontardawe, SWANSEA, West Glamorgan, SA8 4RX.

Type of assessment: Report/Data Review,

Reason: Routine.

On: 31/12/2025.

Parts of permit assessed: See Section 4.

NRW Lead Officer: Benjamin Taylor.

Report sent to: Environmental Compliance Advisor, FCC Environment Ltd, on 30/01/2026.

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

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
IR3A(1) - Installations - Emissions and monitoring - Emissions to water	Assessed (A)	
IR3A(2) - Installations - Emissions and monitoring - Emissions to air	Assessed (A)	
IR3A(3) - Installations - Emissions and monitoring - Emissions to land	Assessed (A)	
IR2I - Installations - Operations - Leachate levels (only applicable to landfill)	Assessed (A)	
IR3E - Installations - Emissions and monitoring - Monitoring	Assessed (A)	
IR4B - Installations - Information - Reporting	Assessed (A)	

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

Total non-compliances recorded	Total non-compliance score
0	0

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?

No action required.

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

Introduction

This Compliance Assessment Report (CAR) provides an assessment of the Quarter 4 (Q4): October - December 2025 monitoring results and the 2025 Annual Report submitted by FCC Environment (UK) Ltd (the Operator).

Scope

The following monitoring data has been assessed within this Compliance Assessment Report (CAR):

- Pwllfawtkin Q4 Data 2025
 - Excel Data – Leachate Levels
 - Excel Data – Point Source Emissions to Air
 - Excel Data – Point Source Emissions to Water
 - Excel Data – Groundwater Quality Monitoring
 - Excel Data – Perimeter Landfill Gas Monitoring
 - Excel Data – Leachate Quality
- Oct - Dec 2025 natural-resources-wales-waste-return
- Annual
 - Pwllfawtkin Annual Performance Review 2025
 - Pwllfawtkin Landfill Annual Monitoring Review 2025
 - Pwllfawtkin Annual Emissions 2025
 - Pwllfawtkin Annual FID Survey - Report September and December 2025
 - Pwllfawtkin Trace Gas 2025

Quarter 4 2025: Monitoring Submission Review

The monitoring data for the period Q4 2025 was submitted by the Operator on the 13th of January 2026. The

submission was within the specified timeframe (within 28 days) and contained all informative requirements in accordance with permit condition 4.2.3.

Leachate Level Limits

Limits regarding leachate levels associated with the landfill cells are specified within *Schedule 3: Table S3.1* of the permit.

Leachate levels throughout the Landfill Complex were all reported as compliant by the Operator.

Point Source Emissions to Air

Air emission parameters and limits are specified within *Schedule 3: Table S3.2* of the permit. Monitoring of emission point A2 is an annual requirement as specified by permit condition 3.5.1b.

Within their Q4 report, the Operator has also submitted Oxides of Nitrogen (NO_x) and Carbon Monoxide (CO) monitoring results which were collected on the 8th of October 2025. These results (post tuning) were noted as being within the permitted levels outlined within the EPR permit.

Point Source Emissions to Water (Other than Sewer)

The parameters and limits regarding point source emissions to controlled waters are specified within *Schedule 3: Table S3.3* of the permit.

There were no reported exceedances of the specified emission limit values (ELV) to controlled waters throughout Q4.

Groundwater Quality

The parameters and associated ELVs regarding groundwater quality are specified within *Schedule 3: Table S3.4* of the permit.

There were no reported exceedances of the specified emission limit values (ELV) relating to groundwater throughout Q4. FCC Environment Ltd incorrectly submitted a Schedule 5 Notification (Schedule_Notification-209270-202601131256) on the 13th of January 2026. This was regarding an exceedance of Naphthalene within PWWBH019, however upon review it was identified that the ELV within *Schedule 3: Table S3.4* had not been exceeded and this was communicated with the Operator.

Further groundwater monitoring requirements are outlined within Schedule 3: Table 3.7. The Operator fulfilled monitoring frequency requirements in accordance with permit condition 3.5.1c.

Perimeter Landfill Gas Monitoring

The parameters and associated limits regarding landfill gas within boreholes/probes are specified within Schedule 3: Table S3.5 of the permit.

There were no reported exceedances of the specified emission limit values (ELV) regarding perimeter landfill gas throughout Q4.

Landfill Gas Field Monitoring

The parameters regarding the landfill gas field are specified within Schedule 3: Table S3.8 of the permit. The Operator fulfilled monitoring frequency requirements in accordance with permit condition 3.5.1d.

Leachate Quality

The parameters regarding leachate quality are specified within Schedule 3: Table S3.9 of the permit. The Operator fulfilled monitoring frequency requirements in accordance with permit condition 3.5.1a.

Quarter 4 2025: Waste Returns

On the 23rd of January 2026, FCC Environment Ltd submitted the required document detailing waste received and removed for the Site in the Q4 reporting period. The submission was made within the specified timeframe and utilised the correct reporting template, in accordance with permit condition 4.2.4.

2025: Annual Report Review

FCC Environment Ltd submitted a series of documents associated with their Annual Reporting obligation on the 14th of January 2026, this was within the specified timeframe (in 31 days) as required by permit condition 4.2.2. The submitted documents, and their associated permit conditions are detailed below.

FCC Environment Ltd submitted the document *Pwllfawatkin Landfill Annual Monitoring Review 2025* in accordance with permit condition 4.2.2a. NRW has not compliance assessed this report in its entirety.

FCC Environment also submitted *Pwllfawatkin Annual Performance Review 2025*, which contains all informative requirements in order to satisfy permit conditions 4.2.2b to 4.2.2g. This document also referenced the following plans:

- 479A502 (Plan 2) – Annual Site Plan.
- 479A473 (Plan 04B) – Settlement Monitoring Plan.

The following plans were submitted to satisfy permit condition 4.2.2h:

- 479M408F EMP (1).

In accordance with permit condition 3.5.1(d), specifically *Schedule 3: Table S3.6*, the Operator submitted the *Pwllfawatkin Annual FID Survey – Report September and December 2025*. Review of this report confirmed that no elevated methane concentrations were detected from any of the surveyed infrastructure or restored surface associated with the landfill.

In accordance with permit condition 3.5.1b, the Operator also submitted monitoring data for emissions testing associated with Gas Utilisation Engine 3 on 10th of March 2025. The average recorded result for each parameter was below the permitted ELVs and were therefore compliant with permit condition 3.1.1.

Trace gas analysis (*Pwllfawatkin Trace Gas 2025*) is an annual requirement (Schedule 3: Table S3.8) and was monitored in accordance with permit condition 3.5.1d.

Please note: This CAR report and assessment was undertaken on 30th of January 2026. However to ensure

that the non-compliance score is attributed to the correct financial year (for billing) the date on CARS system has been altered to 31st of December 2025.

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 required for the permit condition assessed to avoid non-compliance. No non-compliance scored at this time
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.

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

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 compliance criteria (used in section 1 and 2):**1. Management**

- IR1A – General management
- IR1B – Finance (only applicable to Landfill)
- IR1C – Energy efficiency
- IR1D - Efficient use of raw materials
- IR1E - Avoidance, recovery and disposal of wastes produced by the activities
- IR1F - Multiple operator installations

2. Operations

- IR2A – Permitted activities
- IR2B – The site
- IR2C – Operating techniques
- IR2D – Technical requirements
- IR2E – Improvement programme
- IR2F – Pre-operational conditions
- IR2G – Landfill engineering (only applicable to Landfill)
- IR2H – Waste acceptance (only applicable to Landfill)
- IR2I – Leachate levels (only applicable to Landfill)
- IR2J – Closure and aftercare (only applicable to Landfill)
- IR2K – Landfill gas management (only applicable to Landfill)

3. Emission and Monitoring

- IR3A(1) – Emissions to water
- IR3A(2) – Emissions to air
- IR3A(3) – Emissions to land
- IR3B – Emissions of substances not controlled by emission limits
- IR3C – Odour
- IR3D – Noise and vibration
- IR3E – Monitoring
- IR3F – Pests
- IR3G – Air quality management plans
- IR3H – Monitoring for the purposes of the Industrial Emissions Directive (this heading includes Large Combustion Plants)
- IR3I – Fire

4. Information

- IR4A – Records
- IR4B – Reporting
- IR4C – Notification

Enforcement response

Any non-compliance with a permit condition 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 twenty working days to let you know if we agree to your request.

Disputing the Content of this Compliance Assessment Report Form

If you disagree with the content of this Compliance Assessment Report form, you should submit your concerns, in writing, to the regulating officer who issued it within **15 working days** of its issue. This will be treated as a **Stage 1 review**.

If you are not satisfied with the outcome of the stage 1 review, you may request a **Stage 2 appeal**. This request must be submitted **within 21 working days** of receiving the response from the stage 1 review.

Further details on our review and appeal process are available at: [Natural Resources Wales / Appeal a regulatory decision from Natural Resources Wales](#)

Concerns Not Related to the Content of this Compliance Assessment Report Form

If your concerns do not relate to the content of the Compliance Assessment Report form, you should first attempt to resolve the issue with the regulating officer or their line manager.

If the issue remains unresolved, please contact our **Customer Contact Team**:

- **Telephone:** 0300 065 3000 (Monday to Friday, 09:00–17:00)
- **Email:** enquiries@naturalresourceswales.gov.uk

They will provide details on how to escalate your concerns through our **Complaints and Commendations procedure**.

If you are dissatisfied with our response, you may contact the **Public Services Ombudsman for Wales**:

- **Telephone:** 0300 790 0203
- **Email:** 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.