

Compliance Assessment Report CAR_NRW0050050

Permit being assessed: JB3597TN.

For: Tir John Landfill (Closed Site), **held by:** City and County of Swansea

At: Tir John Landfill, Fabian Way, Port Tennant, Swansea, SA1 8QP.

Type of assessment: Report/Data Review,

Reason: Routine.

On: 02/12/2025.

Parts of permit assessed: 2025 Q3 monitoring return.

NRW Lead Officer: Daniel Packer.

Report sent to: Lance Jones, Area Operations Manager, on 02/12/2025.

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

| Part of permitted activity assessed (compliance criteria) | Assessment result | Permit condition |
|--|-------------------|------------------|
| W3A(2) - Waste - Emissions and monitoring - Emissions to air | C3 Minor | 3.1.4 |
| W3E - Waste - Emissions and monitoring - Monitoring | C3 Minor | 3.5 |
| W3A(3) - Waste - Emissions and monitoring - Emissions to land | C3 Minor | 2.7.1 |
| W3E - Waste - Emissions and monitoring - Monitoring | C3 Minor | 3.5.1.(a) |
| W3E - Waste - Emissions and monitoring - Monitoring | C3 Minor | 3.5.1.(a) |

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

| Total non-compliances recorded | Total non-compliance score |
|--------------------------------|----------------------------|
| 5 | 20 |

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 |
|----------|--|-------------|
| W3A(2) | Submit application to vary the permitted compliance limit (the | 01/01/2026 |

| Criteria | Action needed | Complete by |
|----------|--|-------------|
| | application will need to include the requisite supporting information) | |
| W3E | Submit application to vary the permitted compliance limit requirement with supporting documentation for the removal of TIRGP004 from the monitoring requirements. Please note the following caveat: there must be a commitment to revisit the monitoring arrangements for TIRGP004 should conditions change — for example, in the event of evidence of gas migration or the introduction of new land uses in the vicinity. | 01/01/2026 |
| W3A(3) | Operator shall reduce leachate levels so as to achieve compliance with the limits specified in the EPR permit. | 01/01/2026 |
| W3E | Operator shall take measures to ensure that monitoring is undertaken at the locations and frequency specified in the EPR permit. | 01/01/2026 |
| W3E | Submit application to vary the permit with supporting documentation. | 01/01/2026 |

Compliance 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.

You are non-compliant with your permit.

At this time, we are issuing you with a warning for the non-compliance recorded above. Warnings may influence future enforcement response for continued or further non-compliance.

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

This Compliance Assessment Report (CAR) is an assessment of the monitoring submission covering the Quarter 3 (Q3) (July to September 2025) period required by the permit of the operator, Enover Limited - Tir John Landfill.

The Q3 monitoring submission was received within the reporting deadline specified by this EPR permit. This represents compliance with the environmental permit under permit condition 4.2.

Ground Water

From a review of the information submitted, ground water monitoring was undertaken, and the reported results were compliant with the stipulated emission limit required by permit

condition 3 Emissions and monitoring.

Emissions to Air

From a review of the information submitted, perimeter gas monitoring was undertaken, and the reported results were non-compliant with the stipulated emission limit required by permit condition 3 Emissions and monitoring on the following sample point: TIRGP008.

| Sample Point | Date | Result (CH4%) | Limit |
|--------------|------------|---------------|-------|
| TIRGP008 | 31/07/2025 | 2.8% | 1% |

A non-compliance score of C3 score has been allocated to this permit breach (covering the Q3 monitoring period) against permit conditions permit conditions 3.1.4 under compliance criteria (W3A(2)) Emissions to Air.

Until such time as the operator submits an application to vary the permit and the variation is determined/approved, the current limits specified in the EPR permit apply. It should be noted there is no guarantee that an application to vary the permit will result it in being granted.

ACTION (1) - Submit application to vary the permitted compliance limit (the application will need to include the requisite supporting information)

Results for TIRGP004 were missing with Field Technicians Comments “No access” as shown below:

| Sample Point | Date | Filed Technicians Comments |
|--------------|------------|----------------------------|
| TIRGP004 | 31/07/2025 | No access |
| TIRGP004 | 27/08/2025 | No access |
| TIRGP004 | 16/09/2025 | No access |

A non-compliance score of C3 has been allocated in relation to these permit breaches (covering the Q3 monitoring period), against permit condition 3.5 – Monitoring, under compliance criteria W3E (Monitoring).

ACTION (2) – Submit application to vary the permitted compliance limit requirement with supporting documentation for the removal of TIRGP004 from the monitoring requirements. Please note the following caveat: there must be a commitment to revisit the monitoring arrangements for TIRGP004 should conditions change — for example, in the event of evidence of gas migration or the introduction of new land uses in the vicinity.

Leachate

Leachate level

From a review of the information submitted, the leachate level results for the following monitoring points, over the Q3 monitoring period, exceeded the EPR permits compliance limits.

| Sample Point | Date | Leachate Head (m) | Limit (m) |
|--------------|------------|-------------------|-----------|
| TIR HWM11 | 11/09/2025 | 2.15 | 1 |
| TIR HWM12 | 31/07/2025 | 1.23 | 1 |
| | 27/08/2025 | 1.78 | |
| | 11/09/2025 | 3.82 | |

The elevated leachate levels reported above were non-compliant with the stipulated emission limit required by permit condition 2.7.1 Leachate levels.

A non-compliance score of C3 score has been allocated to this permit breach (covering the Q3 monitoring period) under compliance criteria (W3A(3)) Emissions to land.

ACTION (3) – Operator shall reduce leachate levels so as to achieve compliance with the limits specified in the EPR permit.

Leachate level – monitoring failures

From a review of the information submitted, the below leachate monitoring wells cannot be monitored to the frequency specified in the permit over the Q3 monitoring period.

| Sample Point | Date | Reported Data Comments |
|--------------|------------|------------------------|
| TIR HWM07 | 31/07/2025 | Dry at ~7m - blocked? |
| | 27/08/2025 | Dry at ~7m - blocked? |
| | 11/09/2025 | Dry at ~7m - blocked? |
| TIR HWM09 | 31/07/2025 | Dry at 8.8m - blocked? |
| | 27/08/2025 | Dry at 8.8m - blocked? |
| | 11/09/2025 | Dry at 8.8m - blocked? |
| TIR HWM10 | 31/07/2025 | Dry at 7.4m - blocked? |
| | 27/08/2025 | Dry at 7.4m - blocked? |
| | 11/09/2025 | Dry at 7.4m - blocked? |

The above noted failure to monitor leachate levels at the locations and frequencies specified in the permit represents a non-compliance with the environmental permit under permit condition 3.5.1.(a)

A non-compliance score of C3 score has been allocated to these permit breaches (covering the Q3 monitoring period) under compliance criteria (W3E) Monitoring.

ACTION (4) – Operator shall take measures to ensure that monitoring is undertaken at the

locations and frequency specified in the EPR permit.

TIR HWM05 reporting data missing. Whilst it is acknowledged, that this well has been redrilled under TIR HWM05A, until such time as an application is made to vary the permit and the variation is determined/approved the current limits apply. Note there is no guarantee that an application to vary the permit will result it in being granted.

A non-compliance score of C3 has been applied to this permit breach (covering the Q3 monitoring period) quarter against permit conditions 3.5.1.(a) under compliance criteria (W3E) Monitoring.

ACTION (5) - Submit application to vary the permit with supporting documentation.

Summary of Actions

ACTION (1) - Submit application to vary the permitted compliance limit (the application will need to include the requisite supporting information)

ACTION (2) – Submit application to vary the permitted compliance limit requirement with supporting documentation for the removal of TIRGP004 from the monitoring requirements. Please note the following caveat: there must be a commitment to revisit the monitoring arrangements for TIRGP004 should conditions change — for example, in the event of evidence of gas migration or the introduction of new land uses in the vicinity.

ACTION (3) – Operator shall reduce leachate levels so as to achieve compliance with the limits specified in the EPR permit.

ACTION (4) – Operator shall take measures to ensure that monitoring is undertaken at the locations and frequency specified in the EPR permit.

ACTION (5) - Submit application to vary the permit with supporting

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.

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 Waste compliance criteria (used in section 1 and 2):

1. Management

- W1A – General management
- W1B – Energy Efficiency (MCP/SG facilities only)
- W1C – Avoidance, recovery and disposal of wastes produced by the activities

2. Operations

- W2A – Permitted activities
- W2B – Waste recovery plan
- W2C – Operating techniques
- W2D – The site
- W2E – Waste acceptance
- W2F – Technical requirements
- W2G – Improvement programme
- W2H – Pre-operational conditions

3. Emission and Monitoring

- W3A – Emissions to water, air or land
- W3B – Emissions of substances not controlled by emission limits
- W3C – Odour
- W3D – Noise and vibration
- W3E – Monitoring
- W3F – Pests
- W3G – Fire

4. Information

- W4A – Records
- W4B – Reporting
- W4C – 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.

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 to 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.