

Compliance Assessment Report CAR_NRW0039396

Permit being assessed: GP3392EH.

For: Trehir Quarry Landfill, held by Caerphilly County Borough Council

At: Caerphilly, Glamorgan, CF83 3RP.

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

On 02/02/2022 between 10:00 and 13:30.

Parts of permit assessed: All

NRW Lead Officer: Luke Burton.

Report sent to: Rhodri Lloyd, Waste Manager on 16/02/2022.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
A1 - Specified by permit	Action only (X)	

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

Total number of 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?

Criteria	Action needed	Complete by
A1	See Comments	17/03/2022

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

Weather: Overcast by dry for duration of inspection.

This was a routine inspection as part of Natural Resources Wales' Closed Landfill Project.

The aim of the inspection was to determine compliance with the sites' environmental permit

and supporting documents. Findings of the inspection are set out below. A further review of the site's submitted monitoring data will be completed separately and the findings set out in a separate Compliance Assessment Report.

Groundwater and landfill gas monitoring points: A selection of groundwater monitoring points were inspected. All points were accessible, present and intact, excluding one - The monitoring point at the southern extent of the monitoring area (approximate National Grid Reference ST 15482 89549) could not be located. No landfill gas odours were detected around the monitoring points. Monitoring points are required under the 2006 Closure Report which was incorporated into the permit in 2007.

Action: You are required to report back to Natural Resources Wales on the presence and location of the monitoring point at the southern extent of the monitoring area (approximate National Grid Reference ST 15482 89549). Within 20 working days. If the monitoring point have been lost, you will be scored a breach against your permit. You will then need to report back to Natural Resources Wales with an action plan on how you will address this breach, within a specified timescale.

Leachate monitoring points: All the leachate monitoring points were inspected. All points were accessible, present, and intact. No landfill gas odours were detected around the monitoring points.

Action: Recommended that you review the resolution of monitoring location plans for the site so that the labelling of the points is legible, and, erect signage at each monitoring location so it is easily identifiable, to assist with sampling and maintenance.

Landfill gas extraction points: A selection of landfill gas extraction points and a manifold were inspected. All points were accessible, present, intact, and, at 90° to the landfills surface. No landfill gas odours were detected around the extraction points.

Landfill gas condensate management system: No measures for the management of landfill gas condensate were observed during the inspection e.g. knock-out pots. Gas condensate is required to be managed as per condition 58.2 of the site's permit.

Action: You are required to report back to Natural Resources Wales on the location and type of condensate management present at the site. Within 20 working days. If there is no condensate management system present, you will be scored a breach against your permit. You will then need to report back to Natural Resources Wales with an action plan on how you will address this breach, within a specified timescale.

Gas utilisation plant and flare: The gas utilisation plant and flare are contained within a secure area of the site. The utilisation plant was in operation during the inspection. Vegetation was beginning to establish within the gas flare area. This was not currently deemed to be at a level to interrupt the effective operation of the flare, therefore a permit breach was not scored, but maintenance of the landfill gas collection and flaring system is required under the 2006 Closure Report which was incorporated into the permit in 2007.

Action: You are required to remove the vegetation within the landfill gas flare area, as soon as possible and report back to Natural Resources Wales with photographic evidence once this action has been completed.

Landfill surface: During the site inspection and cap walkover, all areas of the cap appeared intact, well vegetated, not pooling rainwater, and, not showing signs of excessive settlement. No evidence of slippages or cracks/movement of the landfill mass were encountered. No evidence of leachate outbreaks or landfill gas odours were encountered.

Surface water management system: A selection of surface water channels and grids protecting the entrance to the surface water sewer system were inspected. All channels and grids were present, intact and free from debris.

Leachate and groundwater collection system: A selection of manholes providing access to the leachate and groundwater collection system were viewed. The manhole covers were not lifted. The covers were intact and the surrounding ground did not show evidence of any surcharges having taken place from the system. The point the system discharges to foul sewer or the River Rhymney was observed and reported on in a separate Compliance Assessment Report for Water Quality Discharge Permit ref EPR/AB3196HG.

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.