

Compliance Assessment Report CAR_NRW0040295

Permit being assessed: VP3935AT.

For: Tir John Landfill, held by Enovert South Ltd

At: Wern Fawr Road, Off Fabian Way, Port Tenant, SWANSEA, West Glamorgan, SA1 8LN.

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

On 11/08/2022 between 10:00 and 13:00.

Parts of permit assessed: Engineering 2.6.6

NRW Lead Officer: Ffion Thomas.

Report sent to: Lance Jones, Site Manager on 22/08/2022.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
B1 - Infrastructure - Engineering for prevention and control of emissions	Assessed (A)	

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?

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

Site visit 11th August 2022 Phased permanent cap engineering works progress review.

Ffion Thomas undertook an onsite visit to review the phased permanent capping

engineering works. Used to minimise rain ingress, reduce odour emissions, improving gas collection.

Tir John has an agreed phased capping CQA plan to undertake these works. No amendments were made to the CQA plan, updated drawings of the areas to be capped were submitted prior to commencement as required, email submissions received and filed 27/7/2022 drawing ref TJ70 Proposed capping area July 2022 received 28/7/2022.

Construction of the capping shall generally involve:

- Installation of **permanent (Perm) Geological clay liner (GCL) Cap**
- Tie into existing lining system.
- Placement of restoration Soils

Cell 16 Capping works observations:

Martin Avery, CQA inspector provided a briefing on use of GCL, this was the first-time regulating officer Ffion Thomas had observed GCL usage in capping so appreciated the time taken to explain the materials properties and deployment method used.

The capping works are progressing well, moving south-westerly along the flank of cell 16. Observed the rolling out of GCL this use of T bar and chain from digger. This placement was being supervised by the CQA inspector throughout.

A visual inspection was also made of the anchor at base of the flank. The basal liner was seen exposed, and the GCL anchor to the outside edge to ensure complete cell coverage. Crest of flank included "roof tile" overlapping used to ensure complete GCL capping seal. A limited section of the gas extraction field has been taken offline during the works. At the time of the inspection no malodours or odour like landfill gas were observed at the capping area.

Once capping is completed, estimated to be end of month, the CQA validation report is to be submitted to NRW.

General landfill management:

Waste was being accepted at the time of the visit into a small tipping face area. The tipping face is sheltered from wind via waste/soil placement acting as a windbreak (at the time of the visit weather conditions were calm and very hot/dry)

There was no delay in waste compaction at the tipping face with plant operators active at the face. Good radio communication with compactor driver ensured work stopped to allow safe access to the area.

Daily cover was in situ available for use at end of day.

Operational staff knowledge – Paul Bevan showed great historical knowledge of the site and current infrastructure awareness.

Other items discussed: Gas engine & flare

On return to the site office the gas compound was passed, and the flare seen operating, visual observation of heat haze above the flare chimney. Graeme Buckman confirmed the gas engine was currently offline awaiting replacement. A replacement gas engine has been sourced but is pending delivery. Lance Jones also confirmed a total replacement of the flare was imminent too.

ACTION – Please forward summary update with expected timeframe for completion of

these gas infrastructure replacements.

A follow up inspection was agreed for September or once the replacements had been completed, whichever the earliest. An agenda for that audit will be supplied ahead to ensure all relevant staff and contractors are in attendance to facilitate.

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.