

Compliance Assessment Report

Report ID:
CAR_NRW0018559

This form will report compliance with your permit as determined by an NRW officer

Site	Trecatti Landfill NRW/EPR/RP3733PC/V008	Permit Ref	RP3733PC		
Operator/Permit holder	Biffa Waste Services Ltd				
Regime	Installations				
Date of assessment	27/04/2016	Time in	09:15	Out	12:00
Assessment type	Audit				
Parts of the permit assessed	Gas Management & Protection Layer				
Lead officer's name	Griffiths, David				
Accompanied by					
Recipient's name/position	Mr Simon Milford/ Site Manager	Date issued	09/05/2016		

Section 1 – Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations. A detailed explanation is captured in "Compliance Assessment Report Detail" (Section 2) and any actions you may need to take are given in the "Action(s)" (section 4). This summary details where we believe any non-compliance with the permit has occurred, the relevant condition and how the non-compliance has been categorised using our Compliance Classification Scheme (CCS). CCS Scores can be consolidated or suspended where appropriate, to reflect the impact of some non-compliances more accurately. For more details of our CCS scheme, contact your local office.

Permit conditions and compliance summary	CCS Category	Condition(s) breached
A1 - Specified by permit	A	
C2 - General Management - Management system and operating procedures	A	
F1 - Amenity - Odour	A	
F3 - Amenity - Dust/fibres/particulates and litter	A	
F5 - Amenity - Deposits on road	A	
G1 - Monitoring and Records, Maintenance and Reporting - Monitoring of emissions and environment	A	
G4 - Monitoring and Records, Maintenance and Reporting - Reporting and notification to Natural Resources Wales	A	

KEY: See Section 4 for breach categories, suspended scores will be indicated as such.
A = Assessed or assessed in part (no evidence of non-compliance), **N** = Not Assessed, **X** = Action only

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
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If the Number of breaches recorded is greater than zero, please see Section 3 for our proposed enforcement response

Section 2 – Compliance Assessment Report Detail

This section contains a report of our findings and will usually include information on:

- The part(s) of the permit that were assessed (eg. Maintenance, training, combustion plant, etc)
- Where the type of assessment was 'Data Review' details of the report/results triggering the assessment
- Any non-compliances identified
- Any non-compliances with directly applicable legislation
- Details of any multiple non-compliances
- Information on the compliance score accrued inc.
- Details of advice given
- Any other areas of concern
- Any actions requested
- Any examples of good practice
- A reference to photos taken

Routine Site Inspection with Simon Milford – Site Manager

Gas Management

NRW have recently been advised on two occasion that a reduction in suction pressure on site is required, details below

22nd April 2016 - *Once again I have to report we are experiencing extreme suction pressures on site at Trecatti. Currently we are running at 2400m³/hr with -235mbar suction pressure. Current trip point on the flare -280m/bar. My concern is we are running close to the trip point.*

I propose to reduce the flow by 200m³/hr to 2200m³/hr and closely monitor how the site performs and keep you informed.

31st March 2016 - *Once again I have to report that the suction pressure is currently -275mb with an increase of 75mb since the last reduction in flow, (current flow rate at 2600 m³/hr).*

I am concerned about over extracting from site and the associated risks, such as an increase in air ingress giving rise to aerobic conditions within the waste mass with the potential for sub surface fires.

With your agreement we propose a reduction of 200 m³/hr and continue to monitor closely I will keep you informed how the site performs.

NRW have a concern that firstly these decisions are being made at the end of the working week where staffing levels are at their lowest. We have concerns that if any issues arises after reducing extraction that this cannot be resolved until the following week (odours).

NRW are also concerns regarding the frequency of these requests and we feel that the gas field is getting unstable and there are a lot of knee jerk reactions taking place. There may be a need for a long term review of gas management on site, perhaps there is a need for more deep gas extraction wells. Furthermore, are you focusing on engine throughput rather than gas quality (O2 Ingress, H2S and odour).

In the short term NRW request an in-depth on site GAS FID Survey to be undertaken – **ACTION BIFFA**

Derwent Soils

NRW understand that Biffa wishes to replace the existing gritstone fines layer used for protection beneath the side-slopes with Derwen filtercake (pressed fines). This will be a finer layer and a softer layer than the protection layer made from the existing source.

We have to consider the function of the protection layer: is it simply protection to the underlying membrane or does it provide a drainage function? If the layer has to be able to transmit leachate then the material would not be a good choice.

However, if the function is simply protection then it could be adequate, providing it can be demonstrated that the first waste layer above the protection will be screened to ensure there are no objects such as scaffolding poles, fence-posts etc which could be driven through the layer. We recall that Stratus/Biffa was going to check with the HRA/Design whether this has any drainage function. The same issues apply to the asbestos waste cell and the non-haz cell.

We note that Stratus proposes to undertake interface shear strength tests to determine whether the material will cause any stability issues.

We are not at all concerned about the chemistry of the material or the uptake of moisture when the material is loaded with waste, though the flow of water over the surface when exposed may be problematic.

We hope this is enough for Stratus to put together a detailed proposal,

*****end of report*****

EPR Compliance Assessment Report

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Operator/Permit holder	Biffa Waste Services Ltd	Date	27/04/2016

Section 3 – Enforcement Response

You must take immediate action to rectify any non-compliance and prevent repetition.

Non-compliance with your permit conditions constitutes an offence and can result in criminal prosecutions and/or suspension or revocation of a permit. Please read the detailed assessment in Section 2 and the steps you need to take in Section 4 below.

Other than the provision of advice and guidance, at present we do not intend to take further enforcement action in respect of the non-compliance identified above. This does not preclude us from taking enforcement action if further relevant information comes to light or advice isn't followed.

Section 4 – Action(s)

This section summarises the actions identified during the assessment along with the timescales for when they will need to be completed.

Criteria Ref.	CCS Category	Action required/advised	Due Date
See Section 1 above			

Section 5 – Compliance notes for the Operator

To ensure you correct actual or potential non-compliance we may

- Advise on corrective actions verbally or in writing
- Require you to take specific actions verbally or in writing
- Issue a notice
- Require you to review your procedures or management system
- Change some of the conditions of your permit
- Decide to undertake a full review of your permit

Any breach of a permit condition is an offence and we may take legal action against you

- We will normally provide advice and guidance to assist you to come back into compliance either after an offence is committed or where we consider that an offence is likely to be committed. This is without prejudice to any other enforcement response that we consider may be required.
- Enforcement action can include the issue of a formal caution, prosecution, the service of a notice and/or suspension or revocation of the permit.

See our Enforcement and Civil Sanctions guidance for further information

This report does not relieve the site operator of the responsibility to

- Ensure you comply with the conditions of the permit at all times and prevent pollution of the environment
- Ensure you comply with other legislative provisions which may apply

Non-compliance scores and categories

CCS category	Description	Score
C1	A non-compliance that could have a major environmental effect	60
C2	A non-compliance which could have a significant environmental effect	31
C3	A non-compliance which could have a minor environmental effect	4
C4	A non-compliance which has no potential environmental effect	0.1

Operational Risk Appraisal (Opra) - Compliance assessment findings may affect your Opra score and/or your charges. This score influences the resource we use to assess permit compliance.

Section 6 – General information

Data protection notice

The information on this form will be processed by the Natural Resources Wales (NRW) to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s). The NRW may also use and/or disclose it in connection with:

- Offering/providing you with its literature/services relating to environmental matters
- Consulting with the public, public bodies and other organisations (eg. 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 its service
- Freedom of Information Act/Environmental Regulations request

The NRW may pass it on to its agents/representatives to do these things on its behalf. You should ensure that any persons named on this form are informed of the contents of this data protection notice.

Disclosure of information

The NRW will provide a copy of this report to the public register(s). However, if you consider that any information contained in this reports should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within twenty working days of receipt of this form indicating which information it concerns and why it should not be released, giving your reasons in full.

Customer charter

What can I do if I disagree with this compliance assessment report?

If you are unable to resolve the issue with your site officer, you should firstly discuss the matter with officer's line managers using the informal appeals procedure. If you wish to raise your dispute further through our official Complaints and Commendations procedure, phone our general enquiry number 0300 065 3000 (Mon to Fri 08.00 – 18.00) and ask for the Customer Contact team or send an email to enquiries@naturalresourceswales.gov.uk. If you are still dissatisfied you can make a complaint to the Public Services Ombudsman for Wales. For advice on how to complain to the Ombudsman phone their helpline on 0845 607 0987.

Welsh Language

If you would like this form in Welsh please contact your Regulatory Officer.