

Compliance Assessment Report

Report ID:
CAR_NRW0034772

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

Site	Trecatti Landfill	Permit Ref	RP3733PC			
Operator/Permit holder	Biffa Waste Services Ltd					
Regime	Installations					
Date of assessment	13/02/2019	Time in	11:00	Out	14:00	
Assessment type	Report/Data Review					
Parts of the permit assessed	annual returns and site inspection					
Lead officer's name	Taylor, Richard					
Accompanied by						
Recipient's name/position	Simon Milford/ Site Manager	Date issued	04/03/2019			

Section 1 – Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations or the licence under the Water Resources Act 1991 as amended by the Water Act 2003. 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
E1 - Emissions - Air	C3	3.1.2
E2 - Emissions - Land and groundwater	C3	3.1.2
E3 - Emissions - Surface water	C4	S3.3

KEY: See Section 5 for breach categories, suspended scores will be indicated as such.

A = Assessed or assessed in part (no evidence of non-compliance), **X** = Action only,

O = Ongoing non-compliance, not scored.

Number of breaches recorded	3	Total compliance score (see section 5 for scoring scheme)	8.1
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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

1. Annual Reports Summary for 2018.

Annual report received by NRW on 31/01/2019

1.1 Leachate

No permit limits were breached. Permit levels for well 5 and well 6 are set at 5m above base. All recordings were within limits, but Decembers reading for well 5 came within 40cm, with no breach occurring.

Well 3 throughout quarter 4 was noticeably high, but within the 33m limit with readings of 30.20m, 30.28, and 30.68, but remained inside the limits. There were no leachate permit breaches throughout 2018.

1. Surface Water

Site submitted a schedule 5 notification for 2x breaches of the upper pH limit (8.1 against a parameter of 6-8pH). The breaches were for sample point 81702001 SWA discharge point for May and June 2018. Insufficient flow was recorded for Jul 18 for this point. The pH parameters subsequently returned to within permitted parameters for the rest of the year. A single breach of permit condition S3.3 of permit variation V10 has been recorded for the 2 breaches. These have been consolidated into 1 breach following NRW CCS guidance for scoring quarterly emissions where minor environmental pollution occurred.

• Q2 SWA pH 2 x breaches of permit pH parameters – 1 x breach score – Cat 4 – 0.1 point.

A breach with no detrimental effect has been levied because of the marginal nature of the breaches. The readings returned to within permit limits for the rest of the year.

1. Treated Effluent

Site treated and released 64,499m³ to sewer during 20-18. There was a minor breach to Welsh water discharge consent limit values with pH limits parameters (6-11 pH) breached with a return for Sept of 5.9. NRW does not apply permit limit values to treated effluent due to the avoidance of double regulation by both NRW and Dwr Cymru in these circumstances.

2. Gas Boreholes

- Q1 gas boreholes – Methane – x9 limit breaches.
- Q1 gas boreholes - CO2 – x7 breaches.
- Q2 gas boreholes – Methane – x8 limit breaches.
- Q2 gas boreholes – CO2 – x4 breaches.

Normal CCS scoring for perimeter gas boreholes and groundwater breaches was changed for this site by CAR form REF RP3733PC/0248564 dated 18th Sept 2015 as part of the management approach at that time. No changes will be made to this situation until a future review is necessary. Therefore, the scoring system introduced at that time will be applied

- Where an annual report is submitted to NRW before the end of January each year for groundwater and perimeter gas borehole monitoring results.
- The report contains graphs and trendlines on the annual performance.
- The report stands alone from the rest of the permitted monitoring and is assessed independently from the permit.
- NRW assesses any improvements. If none made for either groundwater or gas boreholes, then penalty scores will be assessed and issued.
- The previous year's breaches are consolidated into one breach score for each release point and release species.
- Site continues to adhere to reporting breaches via a schedule 5.

There were no distinct improvements to the perimeter gas boreholes during the reporting year, hence a single cat 3 breach is issued as per the plan laid out in the CAR form dated 18th sept 2015.

- **Perimeter gas boreholes – All breaches consolidated to 1x Cat 3 breach – 4 points.**

1. Groundwater

The groundwater results fall under the same rules as the gas boreholes above at 1.4.

- Q1 – x3 breaches of ammonia to groundwater limits reported.
- Q2 – x1 breach of ammonia to groundwater limit reported.
- Q4 – x 1 breach of ammonia to groundwater limit –Q4 showed a rising trend after coming back to permit levels in Q3.
- Q4 – x 1 breach to cadmium limit reported.

The Ammonia at 81701120 breached the quarterly limits in Q1 and Q2 and was within limits at Q3 before breaching again in Q4. This alone can be assessed as a consolidated breach because no overall pattern of improvement could be discerned to levels under permit parameters. However, there was an improvement in the ammonia (as ammoniacal nitrogen) in GW12 and 13. Cadmium also breached in Q3. The groundwater was therefore assessed as earning 1 x Cat 3 breach as a consolidated score for 2018.

- **Groundwater consolidated breach – 1 x Cat 3 breach – 4 points.**

1. Gas Compound

The gas flared was 221,620m³ which is approximately 1.3% of the 17,143,395m³ landfill gas used in the engines during 2018. The permit requires periodic monitoring of the flare if this exceeds 10% of the time in accordance with the permit at table S3.2, so no flare stack monitoring was required.

2. Dust Monitoring

There was a reported dust limit breach in 17th Dec 2018 where readings of 230mg/m³ and 270mg/m³ were taken at points 8175002 and 81705004. The weather at the time was heavy rain, so the results were questionable under these circumstances. Retests were carried out and reported on 23rd Jan 2019 and proved to be within permit limits at 12mg/day at D1; 96mg/day at D2, and 140mg/day at D3. No breach was therefore recorded for the earlier breaches.

3. Asbestos Monitoring

This was carried out in April and October with all results within permit limits at <0.01 fibres per ml.

1.9 Biogene results

SW point 2 suspended solids limit of 100mg/m³ was exceeded with 150mg/m³ in November. No environmental harm was caused by this as the water was held on site to settle out. Site need to watch the pH limits for SW point 3 as the results were at the top of the range at pH 8.0.

2.0 Site Inspection 13th Feb

The site inspection took place to meet local residents regarding the new permit variation to allow an asbestos picking line to the site operations. NRW attended the meeting in the role of answering any concerns the residents may have.

However, during the site tour, odour, dust, windblown waste, excess birds, rodents, noise, and the overview of the site was observed. All were negligible and within permit limits on the day.

END.

EPR Compliance Assessment Report

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Site	Trecatti Landfill	Permit Ref	RP3733PC
Operator/Permit holder	Biffa Waste Services Ltd	Date	13/02/2019

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.

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			
E2	C3	return to compliance	31/03/2019
E1	C3	continue monitoring for compliance	31/03/2019
E3	C4	return to compliance limits	31/03/2019

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 report should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within fifteen 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.