

Compliance Assessment Report

Report ID:
CAR_NRW0033271

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

Site	Hafod Quarry Landfill	Permit Ref	PP3139GB		
Operator/Permit holder	Cory Environmental (Central) Ltd				
Regime	Installations				
Date of assessment	30/04/2018	Time in	N/A	Out	N/A
Assessment type	Check Monitoring/Sampling				
Parts of the permit assessed	2.9.1, 3.1.2, 3.2.3, 3.3.5				
Lead officer's name	McClymont, James				
Accompanied by					
Recipient's name/position	Ian Craven/ Area Manager	Date issued	30/04/2018		

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
B1 - Infrastructure - Engineering for prevention and control of emissions	C3	2.9.1
E2 - Emissions - Land and groundwater	C4	3.2.3
	C3	3.3.5
E3 - Emissions - Surface water	C4	3.1.2

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	4	Total compliance score (see section 5 for scoring scheme)	8.2
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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

Monitoring compliance Q1 (January - March) 2018:

Breach of Permit Condition 2.9.1, CCS C3 - Q1 2018 Leachate Level exceedances (with reference to Schedule 6 Notifications HAF 194, 197 & 200)

- Cell 2 (MP2a) 1.79m (compliant), 2.29m and 2.05m versus 2m limit;
- Cell 3 (LC3) 3.37m, 2.09m & 4.84m versus 2m limit;
- Cell 4 (LC4) 4.08m, 3.18m, 3.13m, 2.83m, 3.04m, 3.62m, 4.42m, 4.71m & 2.88m (MP4a) 2.45m, 3.03m, 2.99m, 2.45m, 3.16m, 4.25m, 3.01m, 3.51m, 2.95m, 4.17m & 2.94m (MP4b) 2.86m, 2.84m, 2.03m, 3.03m, 4.38m, 3.03m, 3.74m, 3.00m, 4.23m & 5.37m versus 2m limit.

The volume of leachate removed from site was 909m³, 1463m³ & 1916m³.

Leachate levels in LC3 between 16th and 28th of March increased to almost 6m. After investigation, it was found the buried pipework had been crushed, once replaced pumping volumes increases and the leachate level decreased. HAF197 notes that leachate pumps are, on occasion, switched off due to holding capacity and unavailability of waste water treatment works. This is also referenced in HAF200, which states that the pumps were switched off as storage tanks were full.

Please ensure that contingency measures are in place should storage capacity and availability of treatment works become an issue for leachate levels within the site.

Breach of Permit Condition 3.3.5, CCS C3 - Q1 2018 various perimeter gas well exceedances (with reference to HAF 193, 196 & 199). Methane ranging 0 - 41.8 % versus 1% limit and / or carbon dioxide ranging from 1.6 - 29.1 % versus 1.5 % limit.

A permit variation application has been received by NRW which outlines proposed changes to carbon dioxide limits.

Breach of Permit Condition 3.1.2, CCS C4 - Q1 2018 emissions to surface water (with reference to HAF 195, 198 & 201). SW2 Chloride 99mg/l, 82mg/l & 99mg/l versus 67mg/l limit & Conductivity 1140uS/cm & 1220 uS/cm versus 1120 uS/cm limit.

The recent permit variation application also outlines proposed changes to surface water limits, based on the 2016 HRA review.

Breach of Permit Condition 3.2.3, CCS C4 - Q1 2018 emissions to groundwater (with reference to HAF 201). BH HA 12A(M) Chloride 590mg/l versus 450 mg/l limit.

It is proposed in HAF 201 that this breach may be related to de-icing salts used on the roads during a period of ice and snow. As outlined in HAF 201, this should be assessed following receipt of the next monthly sampling results.

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EPR Compliance Assessment Report

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Operator/Permit holder	Cory Environmental (Central) Ltd	Date	30/04/2018

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			
E3	C4	See comments section	31/05/2018
E2	C4	See comments section	31/05/2018
E2	C3	See comments section	31/05/2018
B1	C3	See comments section	31/05/2018

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.