	<b>EPR Compliance Assessment Report</b>	Report ID: PP3139GB/0248823	
<b>This form will report compliance with your permit as determined by an NRW officer</b>			
Site	Hafod Quarry Landfill	Permit Ref	PP3139GB
Operator/ Permit holder	Cory Environmental (Central) Ltd		
Date	23/09/2015	Time in	Out
What parts of the permit were assessed	CQA Validation Report 2015 Western (Northern) Liner Construction Works additional information dated 11 September 2015		
Assessment	Report/data review	EPR Activity:	Installation: X Waste Op: Water Discharge:
Recipient's name/position	Ian Craven - Site Manager		
Officer's name	Ian Oakes	Date issued	23/09/2015

### Section 1 - Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations. A detailed explanation and any action you may need to take are given in the "Detailed Assessment of Compliance" (section 3). 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

#### Condition(s) breached

<b>a) Permitted activities</b>	1. Specified by permit	A	
<b>b) Infrastructure</b>	1. Engineering for prevention & control of pollution	A	
	2. Closure & decommissioning	N	
	3. Site drainage engineering (clean & foul)	N	
	4. Containment of stored materials	N	
	5. Plant and equipment	N	
<b>c) General management</b>	1. Staff competency/ training	N	
	2. Management system & operating procedures	N	
	3. Materials acceptance	N	
	4. Storage handling, labelling, segregation	N	
<b>d) Incident management</b>	1. Site security	N	
	2. Accident, emergency & incident planning	N	
<b>e) Emissions</b>	1. Air	N	
	2. Land & Groundwater	N	
	3. Surface water	N	
	4. Sewer	N	
	5. Waste	N	
<b>f) Amenity</b>	1. Odour	N	
	2. Noise	N	
	3. Dust/fibres/particulates	N	
	4. Pests, birds & scavengers	N	
	5. Deposits on road	N	
<b>g) Monitoring and records, maintenance and reporting</b>	1. Monitoring of emissions & environment	N	
	2. Records of activity, site diary, journal & events	N	
	3. Maintenance records	N	
	4. Reporting & notification	N	
<b>h) Resource efficiency</b>	1. Efficient use of raw materials	N	
	2. Energy	N	

**KEY:** C1, C2, C3, C4 = CCS breach category ( \* suspended scores are marked with an asterisk),  
A = Assessed (no evidence of non-compliance), N = Not assessed, NA = Not Applicable, O = Ongoing non-compliance – not scored

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
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If the Total No Breaches is greater than zero, then please see Section 3 for details of 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 (e.g. 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 suspended or consolidated scores.
- details of advice given
- any other areas of concern
- all actions requested
- any examples of good practice.
- a reference to photos taken

This report should be clear, comprehensive, unambiguous and normally completed within 14 days of an assessment.


Further to our review of Cory's Validation Report for 2015 Cell3 Western Sidewall (Northern) Liner works we have received a submission dated 11 September 2015. The submission has been drafted by Stratus on behalf of Cory and contains the details that we requested so that we could fully evaluate the report.

Two issues were identified in our review:

**In-Plane Water Flow in Geocomposite** - We had noticed that the laboratory testing certificates indicated in-plane water flows that were less than the manufacturer's data sheet values. Stratus has responded that whilst the values are less than the manufacturers datasheets the laboratory values still exceed the design values. This is accepted. The manufacturer has also responded that its datasheet provides typical values for the product and that individual test results may vary by up to 25% from the stated values. This indicates that the material is not performing in a way that the manufacturer is not expecting. Given this information we are satisfied that the values reported do not indicate that the material is unsuitable for use.

**Low Moisture Content** – the report revealed that there were a number of test results indicating that the mineral liner was compacted dry of the stated minimum moisture content. Whilst Stratus did not feel that this would be detrimental to the liner we asked for evidence to show that at the moisture contents reported the source was still able to hit the impermeability requirement of  $<1\text{e-}9\text{ ms-1}$ . Stratus has gathered together a large body of evidence to show that the permeability of the compacted mineral liner from this source is not particularly sensitive to moisture content within the normal range of natural moisture content. This dataset includes values of permeability on samples that have been compacted at even lower moisture content than was seen on this phase of work. We are satisfied that this provides the evidence required to accept that a number of values falling just short of the target moisture contents will not adversely affect the permeability of the liner.

Given the content of the submission we are now satisfied that the Validation Report can be accepted. The additional details and this response will be added to the public register. Cory may also wish to consider the amendment of the moisture window so that this issue does not arise on future phases. If this was to be the case then this could be done by re-compacting a number of samples at 10% and 11% before testing for permeability and updating the source evaluation report.

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Operator/ Permit	Cory Environmental (Central) Ltd	Date 23/09/2015

<b>Section 3- Enforcement Response</b>	<b>Only one of the boxes below should be ticked</b>
<p>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.</p>	
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.	X
In respect of the above non-compliance you have been issued with a warning. At present we do not intend to take further enforcement action. This does not preclude us from taking additional enforcement action if further relevant information comes to light or offences continue.	
We will now consider what enforcement action is appropriate and notify you, referencing this form.	

<b>Section 4- Action(s)</b>			
Where non-compliance has been detected and an enforcement response has been selected above, this section summarises the steps you need to take to return to compliance and also provides timescales for this to be done.			
<b>Criteria Ref.</b>	<b>CCS Category</b>	<b>Action Required/Advised</b>	<b>Due Date</b>
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 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 which could have a <b>major</b> environmental effect	60
C2	A non-compliance which could have a <b>significant</b> environmental effect	31
C3	A non-compliance which could have a <b>minor</b> environmental effect	4
C4	A non-compliance which has <b>no</b> 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 fulfill 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 (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 and taking any resulting action
- preventing breaches of environmental law
- assessing customer service satisfaction and improving its service
- Freedom of Information Act/Environmental Information 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 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 the officer's line managers. 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](mailto: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.