

	EPR Compliance Assessment Report	Report ID: 37012/0247111
This form will report compliance with your permit as determined by an NRW officer		
Site	Padeswood Landfill	Permit Ref 37012
Operator/ Permit holder	Castle Cement Padeswood Ltd	
Date	30/06/2015	Time in 00:00 Out 00:00
What parts of the permit were assessed	Quarterly environmental monitoring reports for July 2014 to June 2015	
Assessment	Report/data review	EPR Activity: Installation Waste Op X Water Discharge
Recipient's name/position	Victoria Smith	
Officer's name	Mandy Langstaff	Date issued 25/08/2015

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

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.

In this document 'Natural Resources Wales' means the Natural Resource Body for Wales established by Article 3 of the Natural Resources Body for Wales (Establishment) Order 2012.

This CAR form covers the monitoring for the period from July 2014 to June 2015.

b1) Engineering for prevention and control of emissions

Leachate was sampled from the leachate sump instead of the in-waste leachate chambers. Please confirm when sampling of the in-waste leachate chambers is to commence.

e2) Emissions: Groundwater

Interim control levels were proposed 3 June 2011 as follows: ammoniacal nitrogen 1.5, chloride 280, pH <6, >8.6 and sulphate 600. The groundwater monitoring boreholes installed in 2011 have now been monitored for over 2 years therefore these interim trigger levels should now be reviewed in light of the data from these boreholes.

BH4 - ammoniacal nitrogen breached the interim control level for the whole quarter ranging between 22.4 mg/l in October and 12.6 mg/l in May; chloride also breached the interim control limit for the whole of the quarter ranging between 1050 mg/l in October and 313 mg/l in May; as did sulphate with a high of 2040 mg/l; pH also breached the interim control level ranging between 12.2 and 11.9. There was no quarterly sample taking during the April to June 2015 monitoring period. This borehole is believed to be located in waste.

BH5 – monthly samples were taken in August, February, April, May and June, but there are no quarterly sampling results present. The monthly monitoring results did not indicate any breaches of interim control levels.

GA1 - the interim control level for ammoniacal nitrogen was breached for the whole of the monitoring period with a high of 43.3 mg/l in June 2015; the interim control level for chloride was also breached for the whole of the monitoring period with a high of 1730 mg/l in June 2015; the interim control level for sulphate was also breached at 1290mg/l in March. There was no quarterly sample taking during the April to June 2015 monitoring period.

GA4 - the interim control level for ammoniacal nitrogen was breached throughout the monitoring period except in August and October 2014. The highest level of ammoniacal nitrogen was 2.02 mg/l in February 2015. The interim control levels for chloride (high 2460 mg/l December) and sulphate (3710 mg/l December) have been consistently breached since the borehole was first monitored in November 2011. There was no quarterly sample taking during the April to June 2015 monitoring period.

It is understood that the sampling programme is being altered to coincide with the requirements of the closure report including monitoring of the coal measures boreholes BH12, BH13 and BH14. Results for the new sampling programme will begin to be collected during July to September 2015.

e3) Emissions: Surface water

Surface water downstream – ammoniacal nitrogen was above the control level (0.9 mg/l) on 24 April at 3.3 mg/l, in September at 12.2 mg/l and on 30 June at 9.05 mg/l. Chloride was below the EQS except on 30 June at 8894 mg/l; BOD was above the EQS on 23 January at 10.4 mg/l and 24 April at 6.3 mg/l; potassium was elevated throughout the monitoring period with a high of 3240 mg/l in September; sulphate was above the EQS in September at 1870 mg/l, suspended solids were elevated in September at 69 mg/l and December at 37 mg/l. There was no quarterly sample taking during the April to June 2015 monitoring period.

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Section 3- Enforcement Response	Only one of the boxes below should be ticked
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.	☐
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.	☐

Section 4- Action(s)			
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.			
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 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 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 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. 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.