

EPR Compliance Assessment Report

Report ID: 011215/VB3193HJ

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

Site	Croes Cwta Landfill			Permit Ref	VB3193HJ (EAWML/34124)		
Operator/ Permit holder	Tom Prichard Contracting Limited						
Date	1 st December 2015			Time in	10:30	Out	12:00
What parts of the permit were assessed	Final inspection prior to aftercare of final levels and slopes						
Assessment	Site Inspection	EPR Activity:	Installation	Waste Op	x	Water Discharge	
Recipient's name/position	Tom Prichard						
Officer's name	Linda Warrick			Date issued		5 th January 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	N	
	2. Closure & decommissioning	A	
	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	N	
	4. Storage handling, labelling, segregation	N	
d) Incident management	1. Site security	N	
	2. Accident, emergency & incident planning	N	
e) Emissions	1. Air	N	
	2. Land & Groundwater	N	
	3. Surface water	N	
	4. Sewer	N	
	5. Waste	N	
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	N	
	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	N	
	2. Energy	N	

KEY: C1, C2, C3, C4 = CCS breach category (* suspended scores are marked with an asterisk),
A = Assessed or assessed in part (no evidence of non-compliance), N = Not assessed, NA = Not Applicable

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
-----------------------------	---	--	---

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

Final on-site inspection

The purpose of this visit was to undertake the final on-site inspection of the landfill in order to determine whether the site can be considered definitively closed and enter the aftercare phase.

During the visit I have undertaken a visual inspection of the landfill. The following comments are made:

- the areas to be definitively closed was inspected and this corresponds to the drawing submitted by the operator (589/01) in the closure report;
- there is no waste disposal activity underway at the facility;
- there has been considerable work undertaken to re-profile the slope banking the river Alun. The slope profiles have been reduced and these appear to be in conformance with the profiles approved in the closure report.
- there was no visual evidence of instability along any of the flanks inspected (e.g. cracking or bulging to indicate rotational failures);
- the area has been seeded and vegetation is well established along the flank;
- the gas/water wells were marked and appeared to be intact and operational. It is important that these are well maintained and kept in good condition for future monitoring;
- The river Alun was in full flow when inspected. There was no evidence of suspended solids. The surface water monitoring results continue to be submitted on a quarterly basis. There have been no issues with water quality to date.

Note on gas management

There have been slightly elevated levels of methane reported in the B.H.2 and although these appear to be reading consistently they are above the current limit. It is proposed that the monitoring of this well will continue although a new compliance limit will be set. NRW will start the process of a varying the permit shortly to implement this change.

Following the conclusion of this visit NRW are satisfied that the site is now able to proceed to definitive closure and aftercare.

Please note that you will still need to ensure compliance with the provisions of your EPR permit (including the closure report) and ensure that the site does not cause pollution to the environment, harm to human health or detriment to the amenity of the area. You are reminded that you are not permitted to import waste soils (or any other waste) for disposal at the facility. Please also note that the aftercare monitoring plan (and the number/type of monitoring infrastructure) is unlikely to be sufficient for the purposes of a surrender application.

Request to amend monitoring frequency

The operator has requested that the monitoring frequency is reduced whilst the site is in after care. NRW have considered the request and approve the following changes:

- A reduction in water monitoring frequency for both the surface water and groundwater monitoring. The new frequencies have been reproduced overleaf.

Surface water – monitoring requirements			
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method
S1 (Upstream) and S2 downstream as shown on drawing reference 589/01	Total Suspended Solids Temperature, Dissolved Oxygen , pH, Electrical Conductivity, Ammoniacal Nitrogen(NH4-N) Biochemical Oxygen Demand, Chemical Oxygen Demand, Chloride Arsenic Cadmium Chromium Copper Lead Mercury Nickel Selenium Zinc Sulphate as SO4 Cyanide total Alkalinity (CaCO ₃) Sulphide	6 Monthly	Unless otherwise agreed in writing with the Agency, Monitoring methods used shall be in accordance with Environment Agency document "Guidance on monitoring of landfill leachate, groundwater and surface water"(LFTGN02)
	Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(g,h,i)perylene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene PAH TPH >C6-C40 TPH >C10 - C20 TPH >C20 - C40 TPH >C6 - C10	Annually	

Leachate – other monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
In waste monitoring borehole: BHA; BHB (replacement); BH1 and BH2 (replacement).	Groundwater level	6 monthly	As per LFTGN02 issued February 2003 'Guidance on Monitoring of Landfill Leachate, Groundwater and Surface Water'. Horizontal Guidance Note H1 – Environmental risk assessment for permits, Annex J, version 2, April 2010.	None
	Dissolved Oxygen ,			
	pH,			
	Electrical Conductivity			
	Ammoniacal			
	Nitrogen(NH4-N)			
	Biochemical Oxygen			
	Demand,			
	Chemical Oxygen			
	Demand,			
	Chloride			
	Arsenic			
	Cadmium			
	Chromium			
	Copper			
	Lead			
	Mercury			
	Nickel			
	Selenium			
	Zinc			
	Sulphate as SO4			
	Cyanide total			
	Alkalinity (CaCO3)			
	Sulphide			
	Acenaphthene	Annually		
	Acenaphthylene			
	Anthracene			
	Benzo(a)anthracene			
	Benzo(a)pyrene			
	Benzo(b)fluoranthene			
	Benzo(k)fluoranthene			
	Benzo(g,h,i)perylene			
	Chrysene			
	Dibenzo(a,h)anthracene			
Fluoranthene				
Fluorene				
Indeno(1,2,3-c,d)pyrene				
Naphthalene				
Phenanthrene				
Pyrene				
PAH				
TPH >C6-C40				
TPH >C10 - C20				
TPH >C20 - C40				
TPH >C6 - C10				

- NRW have not accepted a reduction in the landfill gas monitoring frequency and this shall remain on a quarterly basis.

NOTE: please ensure that you submit the monitoring data in accordance with the correct monitoring forms referenced in the permit (pages 20 to 23) and using the same monitoring point reference numbers used in the EPR permit.

Changes to subsistence charges

Your current subsistence band (based on NRW charging scheme) is found on Table 3A subsection 2/ii. Following this inspection the site can now move into definitive closure and aftercare and your subsistence band will be changed to Table 4 subsection C/i. This will see a reduction in your site's subsistence charges.

We will now be notifying our finance colleagues of the change and your billing details should be amended accordingly.

Permit Review

NRW are now preparing to undertake a review of your existing EPR permit, principally in order to update the document to amend the methane limit at BH 02, remove redundant conditions

	EPR Compliance Assessment Report	Report ID: 011215/VB3193HJ
This form will report non-compliance with your permit as determined by an NRW officer		
Site	Croes Cwtta Landfill	Permit
Operator/ Permit	Tom Prichard Contracting Limited	Date
		VB3193HJ (EAWML/34124)
		1 st December 2015

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.		N/A
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.		N/A
We will now consider what enforcement action is appropriate and notify you, referencing this form.		N/A

Section 4- Action(s)			
Where a 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			
		No breaches recorded during this inspection however the following actions need to be undertaken to ensure future compliance	
		Ensure that you comply with the requirements of the EPR permit including (but not limited to): - undertake and report the monitoring specified in the permit; - maintain the monitoring infrastructure; - submit notifications to the deadlines specified in the permit (including an annual monitoring report, schedule 5 notification (where applicable) and all other returns).	As per permit
		Litter Picking to remove metal cables extruding from ground and ad-hoc plastics.	Within 2 months of the issue of this report

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 Natural Resources Wales (NRW) to fulfill its regulatory and monitoring functions and to maintain the relevant public register(s). 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.

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

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) 601 0987**.