

Compliance Assessment Report

Report ID:
CAR_NRW0031304

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

Site	Shotton Works Landfill Site No 1	Permit Ref	GP3030BE		
Operator/Permit holder	Tata Steel UK Limited				
Regime	Installations				
Date of assessment	17/01/2017	Time in	10:30	Out	14:00
Assessment type	Site Inspection				
Parts of the permit assessed	All				
Lead officer's name	Kelk, Matthew				
Accompanied by	Roberts, Anthony				
Recipient's name/position	Peter Shephard/ Senior Energy and Environment Officer	Date issued	03/03/2017		

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	A	
B2 - Infrastructure - Closure and decommissioning	A	
B3 - Infrastructure - Site drainage engineering (clean and foul)	A	
C1 - Infrastructure - Staff competency/training	A	
E1 - Infrastructure - Air	A	
E2 - Infrastructure - Land and groundwater	A	
E3 - Infrastructure - Surface water	A	
E5 - Infrastructure - Waste	A	
F3 - Infrastructure - Dust/fibres/particulates and litter	A	
F5 - Infrastructure - Deposits on road	A	

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	0	Total compliance score (see section 5 for scoring scheme)	0
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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

NRW officers Matthew Kelk and Tony Roberts carried out an inspection of the site on the 17 January 2017. Additional information was submitted by Tata to supplement this inspection in the form of new drilling location submitted on the 9 February 2017.

The following issues were discussed during the inspection:-

Tipping Face

The working face contains organic content, therefore the 'source term' must be properly defined. During the inspection evidence of waste on the tipping face consisting of a number of items which should be source segregated on site and not be landfilled. The site landfilled approximately 232 tonnes of such waste last year Tata have agreed to investigate the recycling options. Landfill tax is paid on the non-inert waste at (approximately) £88 per tonne that is landfilled at the site which makes the source separation and reduction a priority.

In Waste Monitoring Wells

Whilst on site it was established that the existing landfill leachate wells are not suitable for monitoring gas and all in waste data is not Landfill Directive Compliant (LDF). To establish the source term in a LDF compliant way, the site have agreed to install at least three new gas monitoring wells, constructed according to guidance, in the deepest part of the site, representing the different phases to give a true idea of gas production in the waste.

NRW will return once the wells are installed to monitor and conduct a Gazomat walkover survey. Upon completion of the Gazomat survey NRW will agree a way forward which will ensure that the data collected is LFD compliant and manages any greenhouse gas emissions the site may be producing in the long term. This will aid future closure under the terms of the Landfill Directive.

Perimeter Monitoring Wells

The high levels of methane seen in one of the perimeter boreholes is unlikely to be marsh gas as the consultants reported and is more likely to be of thermogenic origin (coal measures) due to the proximal underlying geology and the make up of the gas. The site will forward the data from this well for analysis by NRW before final conclusions are drawn. This data should include the radiocarbon dating methods used to arrive at the original conclusions.

Permitted Waste Volumes

TATA are permitted for 70,000 tonnes per year input and will contact NRW Permitting team to check if there is scope for a variation needed as the site actually only landfilled approximately 1200 tonnes of waste last year.

Submitted Well Location Plan

Site have submitted a plan dated 9 February 2017 with the new wells marked on for our approval before a contractor is appointed.

NRW have the following the following comments:-

- Boreholes 1 and 2 look to be in a good position.
- Borehole 3 please provide distance from the nearest leachate well.
- All of the proposed boreholes should have the AOD Data with proposed depths. i.e, AOD base, AOD Surface, Total waste depth and proposed borehole depth.
- Finally a description of type of waste and age of waste in the areas proposed should be included in the plan.

EPR Compliance Assessment Report

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Operator/Permit holder	Tata Steel UK Limited	Date	17/01/2017

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			

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.