

Compliance Assessment Report

Report ID:
CAR_NRW0035006

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	17/04/2019	Time in	N/A	Out	N/A
Assessment type	Report/Data Review				
Parts of the permit assessed	Monitoring Returns				
Lead officer's name	Kelk, Matthew				
Accompanied by					
Recipient's name/position	Dawn Harris/ Senior Energy & Environment Officer	Date issued	18/04/2019		

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
E1 - Emissions - Air	A	
E2 - Emissions - Land and groundwater	A	
E3 - Emissions - Surface water	A	
G1 - Monitoring and Records, Maintenance and Reporting - Monitoring of emissions and environment	A	
G4 - Monitoring and Records, Maintenance and Reporting - Reporting and notification to Natural Resources Wales	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

Review of 2018 data submitted by Tata to satisfy monitoring requirements of environmental permit GP3030BX.

Q1 2018

Zinc in water BH1 0.05mg/l and BH9 0.06mg/l against an ELV of 0.04mg/l

External gas CO2 BH1 - 1.6%, BH8 - 2.8% against an ELV of 1.5%

In waste gas - no ELV, elevated methane L6 Max 2.5%, new wells installed 2017, GMWCO Max 17.5%, GMWC1 Max 2.4% and GMW C2 Max 4.1%.

CO2 - elevated carbon dioxide, L6 Max 5.7% and GMWC2 Max 15%.

Q2 2018

Elevated Zinc in water BH1 0.05mg/l and BH9 0.06mg/l against an ELV of 0.04mg/l

In waste gas wells - no ELV's, elevated methane gas L6 max 1.9%, new wells GMCO Max 13.9%, GMWC1 Max 3.7% and GMWC2 Max 5.2%.

Carbon dioxide - L6 Max 3.1% and new wells GMWC2 Max - 11.9%.

Q3 2018

Zinc in water BH9 0.05mg/l against an ELV 0.04mg/l.

Gas external carbon dioxide BH 1.7 against ELV 1.5%

Gas in waste, elevated methane - L6 Max 11.1%, new wells GMWCO Max 17.3%, GMWC1 - Max 3%, GMWC2 - Max 9.8%

Carbon dioxide - L6 - Max 17.1%, GMWC2 - Max 14.2%.

Q4 2018

Zinc in water BH10 - 0.05mg/l, against ELV of 0.04mg/l,

Gas external methane - 1.8% against ELV 1.5%

Carbon dioxide - BH1 2% and BH2 2.2% against ELV of 1.5%

Gas in waste - no ELV's - methane - L6 8.8%, new wells GMWCO Max 15.2%, GMWC1 Max 1.8%, GMWC2 Max 10.2%.

carbon dioxide - L6 Max 14.8%, GMWC2 - Max 16.3%.

Due to age of landfill and contaminated land landfill is built on the source of contamination in groundwater is unknown, no score given. Tata HRA reviewed and agreed by NRW, permit variation to be submitted once survey of landfill gas has been undertaken, allowing gas limits and groundwater limits to be changed in one permit variation.

Whilst external gas wells are picking up CH3 and CO2 above their respective emission limit values, there has been ongoing discussion between Tata and NRW that gas may be from non anthropogenic sources and not the landfill. NRW are to undertake a gazomat landfill gas survey of the landfill in May 2019. Following information gathered during this exercise it is likely that the external well limits within the permit will be removed.

Annual Reports 2018

NRW have reviewed of 2018 reports for annual groundwater monitoring, energy, water usage and void space report and Tata

annual review of monitoring, no issues with reports submitted.

EPR Compliance Assessment Report

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Operator/Permit holder	Tata Steel UK Limited	Date	17/04/2019

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.