

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

Site	Bryn Posteg Landfill	Permit Ref	BU77661C		
Operator/Permit holder	Sundorne Products (Ilanidloes) Ltd				
Regime	Installations				
Date of assessment	07/01/2019	Time in	N/A	Out	N/A
Assessment type	Report/Data Review				
Parts of the permit assessed	All below				
Lead officer's name	Ellis, Rhys				
Accompanied by					
Recipient's name/position	David Williams/ Technical manager	Date issued	15/01/2019		

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
B1 - Infrastructure - Engineering for prevention and control of emissions	X	

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

Thank you for providing the leachate extraction infrastructure improvements construction quality assurance plan and design specifications (Document ref 3376-CAU-XX-XX-RP-V-0302.A0-C2) in accordance with the regulation 36 enforcement notice and relevant permit conditions.

Thank you also for your letter dated 5th December 2018 (Ref 3376-CAU-XX-XX-CO-V-9106.A0-C2), providing additional information collected on site on the 24th November 2018, as required by the regulation 61 (1) notice issued on the 19th November 2018. This letter also constituted a cover letter to the CQA plan for the replacements of the leachate wells, which have been confirmed not to be fit for purpose due to their current condition/achievable depth.

NRW have the following comments :

Document ref 3376-CAU-XX-XX-RP-V-0302.A0-C2

The CQA engineer.

Page ii states that Caulmert Ltd have been appointed by the Employer to confirm the work carried out by the main contractor is in accordance with the CQA plan and they will be responsible for keeping site records of the works, verifying the methods of construction used and recording the testing carried out.

It states that The CQA engineer may delegate his duties and responsibilities to representatives on site.

Please note that;

- Full time supervision must be carried out at all times and duties should not be delegated. The CQA engineer must also be independent
- If duties are delegated, then these should be to another CQA engineer.

Action 1: CQA should be amended to reflect the two points mentioned above.

Action 2: Please forward copies of CV's for the CQA engineer/s.

Action 3: Section 3 of the report refers to a CQA inspector. Please confirm what is the difference between the CQA inspector and CQA engineer?, or is this the same role?

Section 2 Specification.

Your reports details that location of the leachate monitoring wells shall be set out by a surveyor appointed by the employer prior to the commencement of the works. The current elevation of each location shall be confirmed together with the eastings and northings of the pegged location during this process and provided to confirm or otherwise the target depth indicated in Table 3 (*note: referenced as table 2 in text). A revised table will be provided, circulated to NRW, the contractor and CQA engineer to ensure the most up to date information is used. The details of the locations and anticipated target depth based on available information will be verified at each location prior commencement of drilling at that location (as per well location confirmation document in Appendix 1).

Action 4: Please forward updated table 2 to NRW prior to commencement of the drilling works.

Action 5: Site plans should be updated accordingly to include locations of new installed chambers and any associated infrastructure.

Table 2 details the existing wells to be replaced. The details within it seems to be inconsistent with information provided in Table 2 of your Landfill gas risk assessment for the site (Ref 3376-CAU-XX-XX-CO-V-9105.A0-C1).

Action 6: Review and update Table 2 accordingly

There also appears to be no reference regarding the installation of a gas and water tight seal around the leachate chamber to the cap.

Action 7: Please provide details of the construction details for the installation of a gas and water tight seal around the leachate chamber to the cap and how this is scheduled into the works and when and by whom the work will be carried out.

Action 8: Please provide details of the what actions will be taken regarding Leachate monitoring wells that have been replaced, including details of what measures are taken to ensure that there are no point source emissions and issues that could lead to breaches of permit conditions. CQA plan should clarify this and amended accordingly.

It appears from the slip over well -head diagram that there will be Landfill Gas offtake on the newly drilled wells.

Actions 9: Please confirm whether the intention is to connect these to the landfill gas infrastructure. If so, is this programmed in and when. What measures will be taken to ensure that there will be no point source emission of gas from the leachate chamber wells. CQA plan should clarify this and amended accordingly.

Drilling Specifications

The report stipulates that all waste arising's from the drilling operational will be disposed of in operational waste area prior to each working day.

Action 10 : Please confirm what actions will be taken if leachate / Perched leachate is encountered during the drilling operation. How will this be managed and contained (Particularly on the capped area)

2.2.12 stipulates that after installation of the inner casing within the well, a removable HDPE end cap shall be installed at the top of the well to prevent an uncontrolled point source emission of landfill gas

Actions 11: CQA to clarify the below points

- Does this mean 'well cap' or 'well head'?
- Will the installation happen on the same day?
- Who will be installing these?

Section 3 of the reports details method statement and risk assessment.

Action 12: Ongoing discussions regarding slope stability should be conveyed to all parties involved, including any health and safety considerations, prior to works commencing on site. If this means that any of the proposed works need to be amended then NRW should be informed and alternative proposals provided.

Odour control

Action 13: Consideration should be given to the risk of emissions/ odour during the drilling operations including the waste arising's from the works

In summary NRW require further information/ clarification to aspects of the CQA plan mentioned above before the plan can be approved. Please submit revised CQA to address ACTION 1-13 in order for NRW to further assess compliance with permit condition 2.5.5

Letter Ref 3376-CAU-XX-XX-CO-V-9106.A0-C2

The letter references that SGG conducted an investigation onsite on the 24th November 2018 and that they provided readings for all leachate wells onsite, including wells in Phase 9 that could not be dipped previously, and LCP7 and 8.

Action 1 : Please forward the raw information as supplied by SGG which was not enclosed with the correspondence. RMPL9A North.

You advised that this well could not be dipped on the 24th November and that you assumed that similarly to the remaining wells in this phase, it may have become compromised, and has been added into the CQA plan as a 'provisional' well. You proposed that prior to the commencement of the drilling works, arrangements are made to revisit this location and attempt to dip.

Action 2 : Please keep NRW updated in regard to this matter.

Leachate Rest levels

Please note that sumps or boreholes designated for level monitoring and that are frequently pumped should be tested to determine the time of recovery to rest level. Levels should be taken from these points after the pumps have been switched off and sufficient time to obtain a reliable rest water level has passed. In the interim where this cannot be achieved a level reading can still be taken, but a record of pumping activity should be made.

Action 3: Once works have been completed on the leachate chambers an investigation should be carried out by the operator on the leachate rest levels for all permitted monitoring points on site. This should be followed up by a detailed report and forwarded to NRW. Please confirm that this will take place and the timeframes for this investigation to be undertaken.

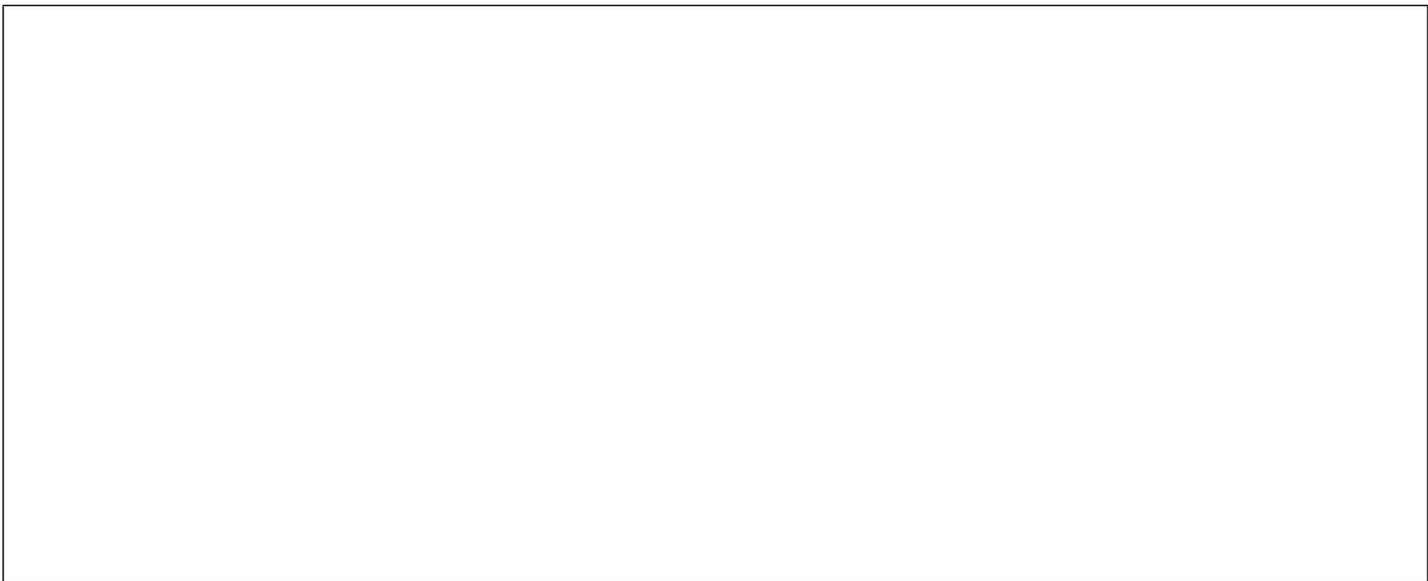
Action 4 : Moving forward the operator (if already not doing so) should be recording leachate levels once rest leachate levels has been reached as per LFTGN02.

Remote monitoring wells

Your letter references infrastructure conditions of the remote monitoring wells. The current enforcement notice considers the permitted leachate monitoring points. However, to comply with their environmental permit, the operator's attention is drawn to LFTGN 02 which stipulates number and location of leachate monitoring points.

NRW will in a better position to respond fully to some of your points highlighted in the summary section (Particularly point 5 and 6) after true leachate levels are established following the installation of the new leachate chambers.

Please note additional monitoring points and controls may be needed if leachate levels (perched or otherwise) cannot be controlled adequately



EPR Compliance Assessment Report

**Report ID:
CAR_NRW0034418**

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

Site	Bryn Posteg Landfill	Permit Ref	BU7766IC
Operator/Permit holder	Sundorne Products (Ilanidloes) Ltd	Date	07/01/2019

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			
B1	X	Respond to actions in CAR form	25/01/2019

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.