

Compliance Assessment Report

Report ID:
CAR_NRW0034045

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

Site	Dowlais Slaughterhouse EPR/AP3433ES	Permit Ref	AP3433ES		
Operator/Permit holder	Kepak Group Limited				
Regime	Installations				
Date of assessment	12/10/2018	Time in	N/A	Out	N/A
Assessment type	Report/Data Review				
Parts of the permit assessed	2.8.1, 6.3.2, 6.4.2.				
Lead officer's name	Taylor, Richard				
Accompanied by					
Recipient's name/position	Matt Dight/ Environmental Manager	Date issued	16/11/2018		

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	C3	2.8.1
	C3	2.8.1
C2 - General Management - Management system and operating procedures	C3	2.1.2
E3 - Emissions - Surface water	C3	6.3.2
E4 - Emissions - Sewer	C3	6.4.2

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	5	Total compliance score (see section 5 for scoring scheme)	20
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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

Kepak Ltd - Permit AP3433ES

The purpose of this CAR form is to tabulate the site performance from the Quarterly returns and breaches reported to NRW during the period Q2 and Q3.

Issue	Discussion	Outcome
1. 2 x Releases of F gas to atmosphere was reported to NRW by email on 1 st Oct 2018 via separate schedule 1 notifications.	A release of R448A estimated at 636kg took place on 29th July 2018 reportedly from pumps and lines within the roof space. A second F Gas species R404A was released on 5th Aug 2018 estimated at 383.44 kg was attributed to previous repairs which needed to be topped up with replacement gas. Both releases have been evaluated against permit conditions and found to breach 2.1.2 where the R448a gas was allowed to vent to atmosphere from leaking pipes; and permit condition 2.8.1 where the F404a gas was not prevented from escaping to atmosphere. 1. R448A is a blend of various gases which appear individually on the F Gas regulations. The component parts have been evaluated for their Global warming potential as CO2 equivalent tonnes. Dichloromethane – 26% - GWP 675. Pentafluoroprop- 26% - GWP 3500 1.1.1.2.Tetrafluoroethane – 21% - GWP 1430 2.3.3.3.Tetrafluoroprop 1.ene – 20% (not entered in F Gas – so discounted) Trans 1.3.3.3 Tetrafluoroprop 1.ene – 7% (discounted also) (sources F Gas Regs Annex 1 & Honeywell datasheet R448A) 2. The secondary release of 383.44kg R404A was evaluated;	The quantity of CO2 equivalent was calculated as follows; Dichloromethane $0.636t \times 0.26 \times 675 = 111.618 t$. Pentafluoroprop $0.636 \times 0.26 \times 3500 = 578.76 t$. 1.1.1.2.Tetrafluoroethane $0.636 \times 0.21 \times 1430 = 190.99 t$. This gives an R448A release of 636kg CO2 equivalence of F Gas as 881.37 tonnes. 1,1,1 Trifluoroethane $-0.38344 \times 0.52 \times 4470 = 891.268 t$. Pentafluoroethane – $0.38344 \times 0.44 \times 3500 = 590.498 t$. 1,1,1,2, Tetrafluorethane – $0.38344 \times .04 \times 1430 = 21.933$. This gives an R404A release of 383.44 kg CO2 equivalence of F Gas as 1503.7 tonnes The combination of the 2 releases is 2,385 tonnes of CO2 equivalent F Gases but each is scored separately because there are 2 separate F Gases involved from separate sources. Result – 2 x Cat 3 permit

	1,1,1 Trifluoroethane – 52%; GWP 4470 Pentafluoroethane – 44% - GWP 3500 1,1,1,2,Tetrafluorethane – 4% - GWP 1430 (sources F Gas Regs Annex 1 & Honeywell datasheet R404A)	breaches of 2.1.2 and 2.8.1.
2. Mineral and Hydrocarbon Oils to surface water at W1 - 2 x breaches of permit limit – 26th July 2018 and 5th Sept 2018.	Site reported a breach of permit conditions for Mineral Oils and Hydrocarbons with 11.6mg/l on 26th July 2018 against a permitted maximum of 5mg/l. A further breach was reported on 30th October for a mineral oils and carbohydrates release of 8.4mg/l. Both releases are scored as a single cat 3 breach.	NRW issue a Cat 3 breach of permit condition 6.3.2 for exceeding the permit maximum twice in Quarter 3 of 5.0mg/l for Min Oil and Hydrocarbons to surface water to W1
3. Effluent release containing low pH level to S1 on 19th July 2018.	The Site reported a breach of the treated site effluent release limit from an emission which occurred on 19th July 2018. The pH level was 5.6 against a permitted level of 6.	NRW issue a Cat 3 breach of permit condition 6.4.2 for an effluent emission to sewer S1 with a pH below the minimum permitted level.
4. Fuel spill estimated at 200 ltrs of diesel reported to NRW on 31st Oct 18	Fuel spill occurred on site on 30th October. Site informed NRW via schedule 1 notice within 24 hours. Cause reported as a fault on the diesel pump. Spill successfully contained within the area but could have had a significant effect on the local environment as well as raising the risk of fire on site. NRW score the potential of an incident, and look for the root cause, not just the incident itself. In this case, the checking of the fuel pump was highlighted as being deficient and site has committed itself to reviewing site driver training, pump maintenance as well as the area where the incident happened.	A cat 3 breach of permit conditions regarding management has been levied. Permit condition 2.1.2 regarding the maintenance and good operational condition has been reached in this case. Prompt site action has helped to limit the incident to a cat 3. Result – cat 3 breach of pc 2.1.2. where a potential pollution incident could have been avoided with tighter training and equipment checking.
5. Summary of Scores	2 x cat 3 breaches relating to uncontrolled F-Gas releases. 1 x Cat 3 for a 2x Oil to surface water breaches. 1 x cat 3 breach for low pH to effluent. 1 x cat 3 breach for potential pollution from diesel spill.	8 points 4 points 4 points 4 points

		Total 20 points.
Surface water management plan. – delayed until New year (after Jan 1st 2019) Site sent a summary email to NRW on 30th May outlining progress made towards the 7-point surface water improvement plan cited in the CAR form CAR_NRW0033241 dated 26th Apr2018^t. A subsequent CAR form CAR_NRW0033572 extended the deadline for the surface water plans to Sept 1st, 2018 but this has not been received.	The plan was reported to be in a status of review and evaluation in May 2018. Site report that they have commissioned a full surface water drainage verification survey to be carried out leading on to a review of the current system plus an assessment of the interceptor's specification. NRW are still awaiting the surface water report detailing this. After a site meeting on 23rd October, the site inspector agreed to pick up the deadline for the surface water management plan in the new year to allow the site to concentrate efforts on current effluent issues.	The original deadline of Sept 1st, 2018 for submission of the surface water improvement plan has been extended to the new year. A deadline will be set at this time for the new plan to be submitted. It is NRW's opinion that the current surface water system in place is temporary. Site are required to provide a proposal for the future management of the site surface water management. NRW will continue to score permit limit exceedances from the temporary set up to surface water. NRW continue to work with site to improve effluent and surface water performance.
End.		

EPR Compliance Assessment Report

**Report ID:
CAR_NRW0034045**

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Site	Dowlais Slaughterhouse EPR/AP3433ES	Permit Ref	AP3433ES
Operator/Permit holder	Kepak Group Limited	Date	12/10/2018

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.

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.

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			
E4	C3	Comply to permit conditions	31/10/2018
B1	C3	Comply to F Gas legislation	31/10/2018
B1	C3	Comply to F Gas regulations.	31/10/2018
C2	C3	Review procedure	01/01/2019
E3	C3	Plan Improvements to surface water management.	01/01/2019

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.