

Compliance Assessment Report CAR_NRW0046402

Permit being assessed: KP3636HB.

For: The Recycling Centre EPR/KP3636HB, **held by:** Egan Waste Services Limited

At: Egan Waste Services Recycling Centre Unit A15 Treforest Industrial Estate ,
Pontypridd, CF37 5TA.

Type of assessment: Report/Data Review,

Reason: Routine.

On: 31/12/2024.

Parts of permit assessed: 4.2.2, 4.2.3, 4.2.5.

NRW Lead Officer: Dale Padfield.

Report sent to: -, Dangerous Goods Safety Advisor , on 21/02/2025.

1. Summary of our findings (full details in section 4)

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
IR2A - Installations - Operations - Permitted activities	C3 Minor	2.3.2
IR1A - Installations - Management - General Management	C3 Minor	1.1.1
IR4B - Installations - Information - Reporting	Action only (X)	
IR2E - Installations - Operations - Improvement programme	Action only (X)	
IR3A(1) - Installations - Emissions and monitoring - Emissions to water	C3 Minor	3.1.2
IR3A(1) - Installations - Emissions and monitoring - Emissions to water	C3 Minor	3.1.2
IR4C - Installations - Information - Notification	C3 Minor	4.3.2
IR4B - Installations - Information - Reporting	Action only (X)	

Result types are explained in more detail in the 'Important Information' section below.

Total non-compliances recorded	Total non-compliance score
5	20

How we use the non-compliance score to calculate your annual fee is explained in the 'Important Information' section below.

2. What action is required?

Criteria	Action needed	Complete by
IR2A	Ensure non-permitted waste is rejected as per acceptance procedures.	31/03/2025
IR1A	Ensure acceptance procedures identify and prevent the acceptance on un-authorized wastes.	31/03/2025
IR4B	Action 1- 21/02/2025:: Please provide the consignment notes relating to both the acceptance and removal of these three wastes and clarification as to why they have been accepted onto the site.	07/03/2025
IR2E	Finish all re-surfacing works and provide a quality inspection report from an certified persons demonstrating the standard of the impermeable surface meets the requirements of Ciria C736 or an equivalent standard.	30/06/2025
IR3A(1)	Explain the elevated HOI samples identified by DCWW, and how Egan intend to ensure compliance with the permitted ELVs.	31/03/2025
IR3A(1)	Explain the elevated zinc sample identified by DCWW, and how Egan intend to ensure compliance with the permitted ELV.	31/03/2025
IR4C	Please provide an explanation as to why no Schedule 5 notification was sent to NRW following the discovery of the ELV exceedances. Please also provide a copy of any procedure(s) identifying the requirements to report permit breaches, demonstrating how the site complies with permit condition 4.3.	31/03/2025
IR4B	With regards to the wastewater generated from the oil/water separation process, what EWC code is allocated to the water fraction that is removed from the site? Additionally, what EWC code is allocated to the oil fraction that is removed from the site?	07/03/2025

Compliance criteria codes are listed in the 'Important information' section below.

3. What will happen next?

Any non-compliance we have identified and recorded on this form is an offence. It can result in criminal prosecution and/or suspension or revocation of your permit.

You are non-compliant with your permit.

We are currently considering taking enforcement action against you for the non-compliance recorded above. We will contact you in due course.

4. Details of our assessment

Egan Waste Services Limited

EPR/KP3636HB

This compliance assessment report (CAR) details the following:

- Assessment of quarter three waste returns 2024.
- Assessment of quarter four waste returns 2024.
- Assessment of emissions to sewer
- Actions from CAR_NRW0045221
- Annual reporting returns

Quarter 3 (July – September) 2024 waste returns

A nonpermitted EWC code (08 04 10) was identified as received waste on the quarter three returns. The acceptance of the waste was queried, and the initial response stated that upon receiving the waste, paint containing isocyanates was discovered. However, upon reviewing the WTN for the waste, the description box contained 'isocyanates' within the description box, as such, this should have been identified before acceptance. It is a permit requirement that waste is only accepted onto the site if it conforms to the documentation provided by the producer and is a permitted EWC code. As there was only a low quantity of non-permitted waste accepted onto the site, and the waste was correctly described when leaving the site, ensuring the correct disposal or recovery the following minor non-compliance will be issued.

Non-compliance. A category 3 minor non-compliance is issued for acceptance of an unpermitted waste. Permit condition 2.3.2.

When non-compliance is identified, the root cause of the non-compliance will also be investigated and scored on its own merits. Acceptance of non-permitted waste on to site is seen as a management system failure. In this instance, the waste acceptance procedures were either not robust enough to prevent the waste from being brought onto the site or were not followed correctly, resulting in a non-permitted waste being accepted. As such the following no-compliance will be issued.

Non-compliance. A category 3 minor non-compliance is issued for the management system failing to prevent unauthorised waste being accepted on to site. Permit condition 1.1.1.

Egan have stated that a new waste management tool for making bookings is due to be rolled out at the site, this is expected to reduce the risk of non-permitted wastes being booked in. No further action will be issued, however, waste acceptance procedures will form part of the compliance work for 2025.

Several EWC codes were identified as waste removed from the site which are not permitted EWC codes. Egan provided details on each of the consignments, several of the consignments were stated to have had their EWC codes changed at the waste facility receiving the waste. If the waste had not been subject to any treatment that changes the essential physical, biological or chemical properties of the waste then it should retain the same EWC code and descriptions as when the waste was originally collected. Should any subsequent holder of the waste believe the waste to be miscoded then the waste should be rejected, following the site's rejection procedures. At no point should EWC codes be altered when no treatment has taken place. This topic will form

part of the compliance work at the site for 2025.

Quarter 4 (October - December) 2024 waste returns

All received EWC codes are compliant with the permit. Three EWC codes were identified within the waste removed that are not permitted EWC codes, 08 05 01, 11 01 05 & 12 01 12.

Action 1- 21/02/2025:: Please provide the consignment notes relating to both the acceptance and removal of these three wastes and clarification as to why they have been accepted onto the site. Due **07/03/2025**

Actions from CAR NRW0045221

The following actions were issued:

Action 1: Please provide an update with regards to the re-surfacing work and any copies of reports from a quality inspection. This relates to Improvement Condition 8 – BAT 19, the site needs to demonstrate how the impermeable surface meets the requirements of CIRIA C736 or an equivalent engineering standard.

Action 2: Please provide an update with regards to the sampling in relation to IC7. Please provide a report to satisfy the requirements of IC7 and enable an agreement to be reached on the expected compliance monitoring to be undertaken on site.

Action 3: Implement a more detailed checking procedure for the on-site storage tanks and associated bunds. Please provide NRW with a copy of the procedure once developed.

Action 4: Provide an update with regards to the tank overflow pipework repair and the instalment of a tank level measuring device. Please also provide an update with regards to the formal tank inspections.

Action 5: Please provide clarification on why the waste consigned as 08 04 10 was allocated the HP 9 hazard statement within the consignment note

Responses received from Egan Waste:

Action 1 – “Further work has been carried out on concreting the yard, there are a few minor spots remaining.”

Action 2: “The sampling has been undertaken as requested, the results of which will be included in the end of year reports.”

Action 3: “The sampling has been undertaken as requested, the results of which will be included in the end of year reports.”

Action 4: “The overflow pipework for the tank has been repaired and we have also installed a measuring device “float” as previously discussed.”

Action 5: “This was an inputting error, we have purchased new software and we hope that by moving to the new software will look to eliminate errors of this kind.”

Review of responses

Actions 1, 2 & 3 (Improvement conditions and the S1 reporting return form)

Egan Waste was issued several improvement conditions following the most recent permit variation to incorporate the requirements of the waste treatment best available techniques conclusions document. This version of the permit was issued on 29/04/2021, and the operator has now had in excess of 3 years to complete the required improvement conditions.

With regards to Improvement Condition 8, the operator will be given a deadline of **30/06/2025** to finish all

re-surfacing works and provide a quality inspection report from an certified persons demonstrating the standard of the impermeable surface meets the requirements of CIRIA C736 or an equivalent standard. Failure to comply by this deadline will result in enforcement action being considered.

With regards to Improvement Conditions 4, 7, 9, and 12, these ICs are related to wastewater from the site. Egan waste were tasked with undertaking sampling of the site's emissions to the sewer to identify the relevance of the BAT AELS and monitoring requirements.

Sampling data has been submitted for the remaining parameters, the following observations were made:

A total of 3 samples had been obtained for 2023, a single sample for February and two samples in March. A total of 10 samples were obtained for 2024, 2 in March, 3 in April, 1 in July, 2 in August, 1 in September and 1 in December. In addition to this, 2 samples were obtained by DCWW, 1 in September and one in October as part of their TEC compliance sampling.

Data provided by DCWW was cross-referenced with the Egan waste Sampling data and the following observations were made:

DCWW recorded a value of 362 mg/l of HOI on the 5th of September, the Egan sample for the same date gave a value of 3.949 mg/l. The highest value recorded by Egan for their HOI sampling during the 2024 period was 4.606 mg/l. DCWW was only able to sample on 4 occasions, twice in 2023 and twice in 2024, however, all 4 samples were above Egans ELV for HOI. Additionally, the zinc ELV was also exceeded in the DCWW sample taken on the 5th of September 2024. Although the monitoring frequency and parameters have not been agreed upon, any exceedance of ELV is still regarded as a permit breach. The two HOI exceedances recorded this year fell within the same quarter, as such a single non-compliance will be issued for the HOI exceedance and a separate non-compliance issued for the zinc exceedance. As the emissions were to sewer and will be subject to further processing at the WWTP the impact is considered to be minor. The following non-compliances will be issued.

Non-compliance: A category 3 minor non-compliance will be issued for exceeding the ELV for HOI. Permit condition 3.1.2.

Non-compliance: A category 3 minor non-compliance will be issued for exceeding the ELV for zinc. Permit condition 3.1.2.

Action 2– 21/02/2025: Explain the elevated zinc and HOI samples identified by DCWW, and how Egan intend to ensure compliance with the permitted ELVs. **Due 31/03/2025**

Further to this, it is a permit requirement to ensure NRW a notified when a permit condition has been breached, and a requirement to provide a Schedule 5 notification when an ELV has been exceeded. No Schedule 5 notification has been provided for the ELV exceedances. The following non-compliance will be issued.

Non-compliance: A category 3 minor non-compliance will be issued for failing to provide a Schedule 5 notification for the various ELV breaches to the S1 emission point. Permit condition 4.3.2

Action 3- 21/02/2025: Please provide an explanation as to why no Schedule 5 notification was sent to NRW following the discovery of the ELV exceedances. Please also provide a copy of any procedure(s) identifying the requirements to report permit breaches, demonstrating how the site complies with permit condition 4.3. **Due 31/03/2025.**

The sample data will be assessed in its entirety and a monitoring approach will be agreed. This will form part of the compliance work during the next site visit. Until a monitoring approach / frequency has been agreed,

Egan is requested to undertake sampling in line with the permit. It is appreciated that 'daily' sampling may not be possible, however, samples should be obtained during any day a discharge is made.

Action 4

Considered complete, the improvements will be checked during the next compliance visit.

Action 5

Considered complete, several errors have been identified over the last years reporting returns, the new software should eliminate these going forward.

Annual Reporting Returns

Reporting of water use – Water usage 1 form

Egan reported a total of 308 m³ of water. No specific usage was reported. For future reporting, specific usage data will be expected. The specific usage should be expressed as indicated on the form – m³ of water per 'unit output' this could be per tonne of waste received or per tonne of oil treated etc. The operator can choose the 'unit output' most appropriate to the operation. Once chosen, all subsequent reports should remain consistent as this allows the data to be compared year on year to evaluate any trends.

Reporting of Energy Use – Energy 1 form

Egan reported 36.6 MWh of electricity usage. Primary energy has not been calculated – please use the information on the form to calculate primary energy going forward. As with water, specific usage also needs to be calculated, this has been filled in incorrectly on the form.

Performance 1

Egan reported that a total of 317.925 tonnes of oil were recovered, with a total of 1161 m³ of wastewater generated.

Action 4- 21/02/2025: With regards to the wastewater generated from the oil/water separation process, what EWC code is allocated to the water fraction that is removed from the site? Additionally, what EWC code is allocated to the oil fraction that is removed from the site? Please provide a response by the **07/03/2025**

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End.

If you have any queries about this report, or to discuss completion of any actions, please contact the NRW Officer named above.

Important information

Legal status of this report

Your permit is issued to you under the Environmental Permitting Regulations. You have a responsibility to comply with the conditions of your permit and prevent pollution/harm of the environment. You must also ensure that you comply with any other relevant legislation that may apply to your site's operations.

This report explains the findings of our assessment and any action you are required to take. We categorise non-compliance using our guidance for assessing non-compliance at regulated sites.

When we find potential non-compliance/s we will normally give you advice on how to maintain compliance.

To correct non-compliance, we may:

- require you to take specific actions
- issue a notice
- review the conditions of your permit.

Any advice and guidance we give will be without prejudice to any other enforcement response that we consider may be required.

Assessment results and non-compliance categories (used in section 1):

Assessment result	Description
Assessed (A)	Assessed or assessed in part, no evidence of non-compliance found
Action only (X)	Action only relating to the activity assessment
Ongoing (O)	Ongoing non-compliance, not scored

Non-compliance category	Description	Score
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property	60
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property	31
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property	4
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property	0.1

How we use assessment scores

The number and severity of non-compliances recorded in a year will affect your annual subsistence fee the following year. A non-compliance factor is added to your site's Operator

Performance Risk Appraisal (OPRA) score when we calculate your fee to reflect the additional resource we use to assess permit compliance.

If your assessment result in Section 1 is suspended, what does this mean?

In line with our guidance, we may suspend scores for up to six months to allow time for remedial action to be taken. Suspended scores will be re-instated if the action is not completed.

Full list of Industry compliance criteria (used in section 1 and 2):

1. Management

- IR1A – General management
- IR1B – Finance (only applicable to Landfill)
- IR1C – Energy efficiency
- IR1D - Efficient use of raw materials
- IR1E - Avoidance, recovery and disposal of wastes produced by the activities
- IR1F - Multiple operator installations

2. Operations

- IR2A – Permitted activities
- IR2B – The site
- IR2C – Operating techniques
- IR2D – Technical requirements
- IR2E – Improvement programme
- IR2F – Pre-operational conditions
- IR2G – Landfill engineering (only applicable to Landfill)
- IR2H – Waste acceptance (only applicable to Landfill)
- IR2I – Leachate levels (only applicable to Landfill)
- IR2J – Closure and aftercare (only applicable to Landfill)
- IR2K – Landfill gas management (only applicable to Landfill)

3. Emission and Monitoring

- IR3A – Emissions to water, air or land
- IR3B – Emissions of substances not controlled by emission limits
- IR3C – Odour
- IR3D – Noise and vibration
- IR3E – Monitoring
- IR3F – Pests
- IR3G – Air quality management plans
- IR3H – Monitoring for the purposes of the Industrial Emissions Directive (this heading includes Large Combustion Plants)
- IR3I – Fire

4. Information

- IR4A – Records
- IR4B – Reporting
- IR4C – Notification

Enforcement response

Any non-compliance with a permit condition is an offence and we may take legal action against you. Action we take can include prosecution, serving a notice on you and/or

suspension or revocation of your permit. See our Enforcement and Sanctions Guidance for further information.

Data protection notice

You should make sure that anyone named in this report knows that the information it contains will be processed by Natural Resources Wales to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s).

We may also use and/or disclose the report in connection with:

- offering or providing you with our literature or 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
- assessing customer service satisfaction and improving our service
- Freedom of Information Act or Environmental Information Regulations requests.

We may also pass it on to our agents or representatives to do these things on our behalf.

Disclosure of information – this report will be available to view on-line

If you think this report contains commercially confidential information that should not be placed on our public register, you must contact your local Natural Resources Wales office within **fifteen working days** of receiving this report, using the contact details in the accompanying email or letter. You must give a full explanation of why it should not be added to our public register, including specifying which information is commercially confidential. We will assess your request and respond to you within twenty working days to let you know if we agree to your request.

What do I do if I disagree with the report or have a complaint?

If you disagree with this compliance assessment report, you should contact the lead officer without delay to discuss your concerns.

If you are unable to resolve the issue with the lead officer or their line manager you should contact our Customer Contact team on 0300 065 3000 (Monday to Friday 08:00 to 18:00), or email enquiries@naturalresourceswales.gov.uk for details of how to raise your dispute further through our Complaints and Commendations procedure.

If you are dissatisfied with our response, you can contact the Public Services Ombudsman for Wales by phone on 0300 7900203 or by email at ask@ombudsman.wales

Welsh Language Standards

We are committed to establishing Natural Resources Wales as a naturally bilingual organisation. We will provide compliance reports in your preferred language.