

Section 4.1.3 of Kepak Group Limited’s Merthyr Tydfil’s Environmental Permit requires this summary report of the previous year’s performance against the targets set in **EMS 9.0M Setting of Objectives and Targets** of the site’s EMS.

1. Targets Overview


These targets are detailed in **EMS 9.0M Setting of Objectives and Targets**. To meet these objectives and targets, an Environmental Objectives and Target Plan (EMS 9.1M) has been developed to track progress.

Environmental Aspect	Objective	Method of Achievement	Timescale
Compliance			
Environmental Permit Banding	50% A/B 0% E	<ul style="list-style-type: none"> • Environmental audits • Continuous implementation of EMS • Environmental awareness training • WWTP Management and Control 	2024
Environmental Complaints	Reduce and Eliminate Environmental Complaints	<ul style="list-style-type: none"> • Continuous implementation of the Odour Management Plan • Continuous implementation of EMS 	2024
Reportable Environmental Incidents	Reduce and Eliminate Environmental Incidents	<ul style="list-style-type: none"> • Environmental Awareness Training, including Spillage Response • Mock Spillages • Environmental audits 	2024
External environmental non-compliances	Reduce and Eliminate Environmental Non-conformances	<ul style="list-style-type: none"> • Environmental Awareness Training for key personnel • Continuous implementation of EMS • Environmental audits 	2024
Energy and Water			
Water use per tonne of production	Reduce water usage by 2% (m ³ /MT)	<ul style="list-style-type: none"> • Monitoring information from water monitoring system, identifying high usage areas and potential opportunities for improvement • Toolbox talks with operators and training • Introduction of a number of water reduction projects 	2024

Absolute Water Use (m ³)	Reduction in absolute water usage by 20%	<ul style="list-style-type: none"> Monitoring information from water monitoring system, identifying high use areas and potential practical opportunities for improvement. Implement and quantify improvements and methods of continuous improvement. 	2030
Energy use per tonne of production	Reduce energy usage by 2% (kWh/MT)	<ul style="list-style-type: none"> Monitoring information from energy monitoring system, identifying high use areas and potential opportunities for improvement Introduction of a number of projects and investigate large scale projects 	2024
Absolute electricity use (kWh)	Reduction in absolute electricity usage by 20%	<ul style="list-style-type: none"> Monitoring information from energy monitoring system, identifying high use areas, identify the use of cleaner technologies and potential practical opportunities for improvement. Review cleaner processes and operations on site 	2030
Waste			
Landfill	Zero to Landfill	<ul style="list-style-type: none"> Review with waste contactors possibility of removing for energy for waste 	2024
Recycling	Increase recycling per tonne of production by 2% (kg/MT)	<ul style="list-style-type: none"> Continue to segregate waste and identify additional areas for improvement 	2024

2. Target Progress Summary

To efficiently track Kepak Merthyr’s progress towards achieving these targets, the site monitors KPIs weekly, monthly, and annually, as well as also tracking the progress and feasibility of continuous improvement projects.

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Environmental Objective	2022	2023	2024
Compliance			
Environmental Permit Banding 50% A/B 0% E	E	B	B
Environmental Complaints Reduction in Complaints	4	0	1
Reportable Environmental Incidents Reduce and Eliminate	2	0	2
External Environmental Non-Compliances Reduce and Eliminate	17	9	15
Energy and Water			
Water use per tonne of production Reduce water usage by 2% (m ³ /MT) by 2024	2.21	2.46	1.87
Energy use per tonne of production Reduce energy usage by 2% (kWh/MT)	597.3	662.45	603.57
Waste			
Landfill Zero to Landfill	Not achieved	Not achieved	Not achieved
Recycling Increase recycling per tonne of production by 2% (kg/MT)	1kg/MT	1.34kg/MT	1.42kg/MT

Compliance

- We continued to show sound environmental compliance in 2024. We maintained our Environmental Permit Banding of a ‘B’ that we achieved in 2023, a step-change from our ‘E’ banding in 2022.

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- We received 1 environmental complaint in 2024 (**WIRS 2415042**), which related to odour emissions that a local resident believed to be of Kepak Merthyr origin. On receipt of the complaint, a thorough investigation was completed on site processes and condition at the time of the complaint, and no issues were found. On this basis we could not ascertain whether the odour reported originated from site.
- There were 2 reportable environmental incidents in 2024, both of which related to Welsh Water spot sample checks that showed final effluent to be outside of the parameter limits specified in our environmental permit and discharge consent agreement with Welsh Water.
- There was an increase in external non-conformances in 2024 compared to 2023, however this was due to an increase in site audits compared to the previous year.

Energy and Water

- Site energy and water consumption was a business priority in 2024. We set ourselves a target to reduce both water and energy consumption (per tonne of production) by 2% compared to 2023. We achieved a 24% reduction in water consumption, and 16.49% reduction in energy consumption.
- Reducing our energy and water consumption will continue to be a priority going into 2025.

Waste

- Due to contractor restrictions, we continue to send contaminated plastics to landfill. Alternative contractors for waste collection were being considered in Q1 of 2024, however Kepak Group make the decision to renew the contractor with the current waste contractor who cannot facilitate the incineration or recycling of the contaminated plastics.
- To combat this issue, Kepak Merthyr will explore ways in which blood contaminated products can be washed or treated before waste collection.

Projects – completed and ongoing

There are a number of projects that are either ongoing or have been completed in 2024. These include:

- Flow and pressure of the water supply to knife sterilisers in both slaughter halls were reduced, the most inefficient sterilisers were replaced, and pipework was repaired.

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The site also invested in an electric steriliser in Q4, and due to the positive feedback from operators and managers, we are hoping to invest in further units in 2025 - **COMPLETE**

- All nozzles on hand sinks and apron washers were replaced in both slaughter halls with low-flow nozzles - **COMPLETE**
- Process review in the gut and tripe rooms - **COMPLETE**
- Trial of new cleaning equipment, including spray bars and modified floor cleaners - **COMPLETE**
- Investing in a better monitoring system for water and energy users on site – **IN PROGRESS**
- Investment in new balers for clean plastics and cardboard - **IN PROGRESS**

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