

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Maelor Foods Limited

**Maelor Poultry Processing Plant
Pickhill Lane
Cross Lanes
Wrexham
LL13 0UE**

Variation number

EPR/AB3591ZQ/V004

Permit number

EPR/AB3591ZQ

Maelor Poultry Processing Plant

Permit number EPR/AB3591ZQ

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the variation and consolidation of an environmental permit.

Maelor Foods Limited have applied to increase their poultry processing facility capacity from 1 million birds per week to 2 million birds per week (referred to as Phase 2).

Phase 2 development at the Installation will include installing a second processing line (to be installed inside the existing buildings); a new module handling system; and an additional chiller plant inside the existing buildings.

The changes also include the upgrading and improvement of the existing effluent treatment plant to treat the increased volumes of effluent. This will result in the increase the volume of the site's treated wastewater discharge into the River Dee.

The site currently operates four boilers with the proposed increase in processing capacity requiring one additional boiler. Three of these boilers are 1.05 MWth but are classed as existing medium combustion plants as they were commissioned before 20/12/2018, The other boilers are below 1MWth

The existing bird reception and lairage are large enough to handle the additional live bird deliveries and the live bird holding building can accommodate the temporary holding of live bird delivery vehicles, pending unloading in the lairage during processing delays. A separate live bird holding building contingency, is available to implement if needed. A new module handling system will be installed inside the existing buildings.

Phase 2 will utilise the existing second gas stunning pit and the stunned birds will then go into Line 2 which will undertake bleed and defeather and subsequent steps as per Line 1. The defeather stage will be served by a second aeroscaler.

An additional 110% chilling capacity for whole birds is provided by a new fridge plant in the basement as well as extra compressors and condenser added to the current plant.

The animal by-products (ABP) from Line 2 will be held in the existing ABP storage building which can accommodate sufficient trailers to ensure ABP are always stored inside and collected in a timely manner. The existing blood tank will hold the additional blood volume from Phase 2.

The wastewater arisings from the installation will double in volume. Tertiary treatment will be added to the existing Wastewater Treatment Plant (WWTP) to reduce emission concentrations by over 50% from Phase 1 emission limits to ensure no overall increase in pollutant loading to the river. Grey water volume for reuse will double and be used within the module handling system. Overall, the grey water usage will remain at around 25% of the overall water consumption. A sludge dewatering facility will be added at the WWTP to reduce the amount of sludge sent for offsite reuse.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application PAN-001271	Duly made 07/02/17	Application for poultry slaughterhouse, meat processing and effluent treatment
Additional information requested	20/03/17	
Additional information requested	07/04/17	
Additional information received	19/04/17	Further data on odour modelling figures used, odour controls and procedures
Additional information received	26/04/17	Updated Installation plan and further applicable information
Additional information received	05/06/17	Additional information relating to containment, odour control and monitoring at the effluent treatment plant
Additional information received	14/07/17	Layout plan, details of new boilers, H1 assessment
Permit determined	29/08/17	Permit issued to Maelor Foods Limited
Application PAN-003281	Duly made 25/10/18	Application to change monitoring locations W2 & W3 and add a point source emission to air from the wastewater treatment plant.
Additional information received	11/02/19 & 19/02/19	Additional information relating to DERV storage tank.
Variation determined EPR/AB3591ZQ/V002	01/03/19	Varied permit issued to Maelor Foods Limited.
Application PAN-008588	Duly made 11/03/20	Application to increase site boundary and to add a second gas stunning pit.
Variation determined EPR/AB3591ZQ/V003	22/04/20	Varied permit issued to Maelor Foods Limited.

PAN-020892 (Variation EPR/AB3591ZQ/V004)	Duly made 11/05/23	Application to increase throughput capacity from 1 million birds per week to 2 million birds per week
First Schedule 5 Additional information received	27/10/23	Additional information relating to Noise Impact Assessment
Schedule 5 Additional information received	01/12/23	Additional information relating to secondary containment for WWTP
Schedule 5 Additional information received	31/01/24	Additional information relating to Noise Impact Assessment
Schedule 5 Additional information received	22/03/24	Additional information relating to Water Quality Assessment
Variation determined EPR/AB3591ZQ/V004	DD/MM/YY	Varied and consolidated permit issued to Maelor Foods Limited.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

Maelor Foods Limited (“the operator”),

whose registered office is

Salisbury House

Vulcan Road

Bilston

West Midlands

WV14 7HT

company registration number **09156025**

to operate an installation at

Maelor Poultry Processing Plant

Pickhill Lane

Cross Lanes

Wrexham

LL13 0UE

to the extent set out in the schedules.

The notice shall take effect from **[DD/MM/YYYY]**.

Signed

Date

[name of authorised person]
Type name, signature not needed

[DD/MM/YYYY]

Authorised on behalf of Natural Resources Wales

Schedule 1 – conditions to be deleted

All conditions have been varied by the consolidated permit as a result of this variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

DRAFT