

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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**Welsh Water Organic Energy (Cardiff)  
Limited**

**Tremorfa Anaerobic Digestion Facility  
Tide Fields Road  
Tremorfa  
Cardiff  
CF24 5SB**

Variation number

**EPR/AB3093CA/V004**

Permit number

**EPR/AB3093CA**

# Tremorfa Anaerobic Digestion Facility

## Permit number EPR/AB3093CA

### 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.

Welsh Water Organic Energy limited have applied to vary their permit for Tremorfa Anaerobic Digestion Facility to make the following changes:

- Addition of a 1.53 MWth backup biogas boiler – The boiler is to act as a backup for when the main combined heat and power plant are offline due to maintenance or breakdown. The boiler will be a new point source emission to air and is permitted as a medium combustion plant under the Medium Combustion Plant Directive. The boiler will be a limited operating hours MCP and not be permitted to operate more than 500 hours per year.
- Addition of waste accepted under the waste code 02 02 04, sludges from onsite effluent.
- Amendment to the details of the discharge to foul and surface water sewer discharges listed in the permit to correctly reflect the current set up at the site.

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.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/KP3033VY/A001	Duly made 24/09/2015	Application for a Food Waste Anaerobic Digestion Facility
Permit determined EPR/AB3093CA	25/01/2016	Permit issued to Kelda Organic Energy (Cardiff) Limited
Notification of variation EPR/AB3093CA/V002	30/01/2019	Update the company name and registered office address
Variation Issued EPR/AB3093CA/V002	09/04/2019	Varied permit issued to Welsh Water Organic Energy (Cardiff) Limited
Regulation 61 Notice sent to the Operator	04/04/2019	Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for

		Waste Treatment
Regulation 61 Notice response	27/09/2019	Response received from the operator
Additional information received	02/03/2020	Clarifications provided to sections 1, 2, 3 and 5 of Reg 61 Notice
NRW initiated variation determined EPR/AB3093CA/V003	20/04/2021	Varied and consolidated permit issued in modern condition format
Variation application PAN-025645 (EPR/AB3093CA/V004)	Duly Made 04/12/2024	Variation to add a backup biogas boiler, amendment to sewer discharge and addition of waste code 02 02 04
Additional information	10/03/2025	Response to Schedule 5 Notice on the update on the status of sewer discharge screening assessment.
Variation Issued EPR/AB3093CA/V004	14/04/2025	Variation Issued to Welsh Water Organic Energy (Cardiff) 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

Permit number  
**EPR/AB3093CA**

issued to  
**Welsh Water Organic Energy (Cardiff) Limited** (“the operator”)

whose registered office is

**Dŵr Cymru Welsh Water Linea  
Fortran Road  
St. Mellons  
Cardiff  
CF3 0LT**

Company registration number **08356859**

to operate a regulated facility at

**Tremorfa Anaerobic Digestion Facility  
Tide Fields Road  
Tremorfa  
Cardiff  
CF24 5SB**

to the extent set out in the schedules.

The notice shall take effect from 14/04/2025

Signed

Date

<b>Holly Noble</b>	<b>14/04/2025</b>
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Authorised on behalf of Natural Resources Wales

**Schedule 1**

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

**Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.