

# **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/V003**

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.

This is a permit variation following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) Waste Treatment. The associated BAT conclusions to this document were published on the 17 August 2018 in the Official Journal of the European Union.

This variation incorporates the changes required by the Industrial Emissions Directive following a statutory review of permits in the Waste Treatment sector. These include the amendment of the wording of several permit conditions relating to notifications, changes to emission limits and monitoring requirements. The interpretation section of the permit has also been updated and the opportunity has been taken to consolidate the original permit and subsequent variations.

We are satisfied that the operator will be compliant with the published BAT conclusions which will apply from 17 August 2022.

The rest of the installation is unchanged and continues to be operated as follows:

This permit allows the activities listed to be carried out at a 2MWe Food Waste Anaerobic Digestion (AD) Facility at Tides Fields Road, Tremorfa. The AD facility is designed to process material from the entire food chain and contribute to the diversion of food wastes from landfill. The facility will also generate 2MWe of green electricity and produce nitrate and potash rich digestate for use by local agricultural enterprises in replacement of manufactured fertiliser. The AD facility will primarily process collected municipal food waste with an element of commercial food waste to ensure throughput efficiency. Waste processed will predominantly come from homes and businesses in the Cardiff and Vale of Glamorgan areas. The AD process at this facility will involve the following components:

- Waste reception;
- Waste de-packaging;
- Waste storage;
- Anaerobic digestion;
- Digestate pasteurisation and storage;
- Biogas storage; and
- Energy recovery and power distribution

The schedules specify the changes made to the permit. Schedule 1 of the notice specifies the conditions that have been varied and Schedule 2 comprises a consolidated permit which reflects the changes being made.

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

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 an installation 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 20/04/2021.

Signed

Date

<b>Holly Noble</b>	<b>20/04/2021</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 a Natural Resources Wales initiated variation.

**Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.