

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Dwr Cymru Cyfyngedig

**Five Fords WwTW Gas to Grid Facility
Cefn Road
Wrexham
Clwyd
LL13 0PA**

Variation number

EPR/AP3139FT/V004

Permit number

EPR/AP3139FT

Five Fords WwTW AAD Facility

Permit number EPR/AP3139FT

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 variation adds an Advanced Anaerobic Digestion (AAD) facility to the current Anaerobic Digestion (AD) process that takes place at the site. As part of this variation, an increased amount of sludge and cake from other Wastewater Treatment Works (WwTW) satellite sites around North Wales will be imported for treatment in the Advanced Anaerobic Digestion process. This increase means the existing T21, which covers the site and allows the treatment of up to 100,000 cubic metres of waste over any 12-month period will be exceeded and as such a new 5.4 waste activity has been added to the sites Permit. Gas produced from the process will be sent to the on-site gas to grid plant as usual. Further to this, the requirement to monitor volatile organic compounds (VOCs) has been removed from the Permit following assessment of the emissions.

Three improvement conditions have been included in the permit variation, IC7, IC8 and IC9. They are listed in Table S1.3.

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 EPR/AP3139FT/A001	Duly made 14/11/11	Application for CHP facility
Additional information received	08/12/11	Aermod data input file for the detailed air dispersion modelling
Additional information received	08/02/12	Related to the operation of siloxane removal plant
Permit determined	10/02/12	Permit issued to Dŵr Cymru Cyfyngedig
Agency variation determined EPR/AP3139FT/V002	26/03/13	Agency initiated variation to implement the changes introduced by IED
Variation Application EPR/AP3139FT/V003	Duly made 17/12/14	Variation Application for adding gas refining activity to enable injection of biogas to national grid
Additional information received	05/02/15	Clarification of throughput and revised risk assessment
Permit determined	23/03/15	Consolidated Permit issued
Variation Application EPR/AP3139FT/V004	Duly made 29/10/18	Variation Application to add advanced anaerobic digestion process to Permit
Schedule 5 request for more information	09/11/18	Further information sought regarding air quality assessment and the Medium Combustion Plant Directive.
Schedule 5 information received	04/12/18	
Schedule 5 request for more information	15/01/19	Further information sought regarding secondary containment and the site condition report.
Schedule 5 information received	05/03/19	
Schedule 5 request for more information	26/03/2019	Further information sought regarding secondary containment and site surfacing.
Schedule 5 information received	11/07/2019	Numerous response received between 26/03/19 and 11/07/19. Final response received on the 11/07/19.
Schedule 5 request for more information	19/09/19	Further information sought regarding site plan.
Schedule 5 information received	26/09/19	
Permit determined	01/10/2019	Permit issued to Dŵr Cymru Cyfyngedig

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/AP3139FT

issued to
Dŵr Cymru Cyfyngedig (“the operator”)

whose registered office is

**Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY**

company registration number **02366777**

to operate a regulated facility at

**Five Fords WwTW Gas to Grid Facility
Cefn Road
Abenbury
Wrexham
Clwyd
LL13 0PA**

to the extent set out in the schedules.

The notice shall take effect from 01/10/2019

Signed

Date

Holly Noble

01 October 2019

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.