

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Viridor Waste Management Limited

Cardiff Energy Recovery Facility
Trident Park
Glass Avenue
Ocean Way
Cardiff

Variation application number
EPR/LP3030XA/V002

Permit number
EPR/LP3030XA

Cardiff Energy Recovery Facility

Permit number EPR/LP3030XA

Introductory note

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

The main features of the permit are as follows.

This variation and consolidation amends the original permit to reflect changes by the adoption of the Industrial Emissions Directive as well as the following changes requested by the Operator.

The design point for the facility has been changed from 22 tonnes per hour per stream at a net calorific value (NCV) of 9.3 MJ/kg to 22.96 tonnes per hour per stream at a NCV of 10.03 MJ/kg, and the operating envelope has been widened. This increases the flexibility of the facility to respond to changes in waste composition through its operating life. The annual throughput has not changed and will remain at 350,000 tonnes.

The configuration of heating surfaces in the boiler has been changed, so that the evaporator and super heater sections are in a horizontal configuration, rather than a vertical configuration.

The recirculation system for air pollution control residues has been improved, which means that less lime is consumed and less residue is produced. Some of the storage volumes for reagents and residues have been adjusted.

This variation also changes the site name from Cardiff Energy from Waste Facility to Cardiff Energy Recovery facility as well as a change to the monitoring reference period for CO from a half hourly average to a 10 minute average. Improvement condition 4 has been amended for the determination of size distribution of particulate matter.

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

Status log of the permit		
Description	Date	Comments
Application EPR/LP3030XA/A001	Duly made 06/04/09	
Additional information received	01/03/10	
Additional information received	12/05/10	
Additional information received	17/06/10	
Additional information received	17/06/10	

Status log of the permit		
Description	Date	Comments
Permit Draft Decision EPR/LP3030XA	26/07/10	
Permit Issued	04/11/10	
Application EPR/LP3030XA/V002 (variation and consolidation)	Duly made 20/03/14	Application to vary and update the permit to modern conditions
Additional information received	26/06/14	
Variation determined EPR/LP3030XA	21/08/14	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 2010

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 2010 varies and consolidates

permit number
EPR/LP3030XA

issued to

Viridor Waste Management Limited ("the operator"),

whose registered office is

Peninsula House
Rydon Lane
Exeter
Devon
EX2 7HR

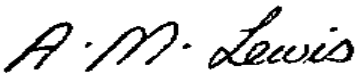
company registration number **00575069**

to operate an installation at

Cardiff Energy Recovery Facility
Trident Park
Glass Avenue
Ocean Way
Cardiff

to the extent set out in the schedules.

The notice shall take effect from 21st August 2014.

Name	Date
	21/08/2014

Anna Lewis, Principal Permitting Officer, NRW Permitting Service
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.