

# **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 MK/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	

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
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 21<sup>st</sup> August 2014.

Name	Date
<i>A.M. Lewis</i>	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.