

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	EPR/LP3030XA
Name of operator	Viridor Waste Management Limited
Location of Facility	Cardiff Energy from Waste Facility, Trident Park, Cardiff.
Time and date of the detection	07:00; 22/09/2016

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Part C

Permit Number	EPR/LP3030XA
Name of operator	Viridor Waste Management Limited
Location of installation	Cardiff Energy from Waste Facility, Trident Park, Cardiff.

Time at which abnormal operation commenced	03:00
Time at which abnormal operation ceased	07:00
Duration of this incidence of abnormal operation	4 hours
Cumulative abnormal operation duration in current year (at end of present incidence)	4 hours
Reasons for abnormal operation	The NOx controller had turned off the urea dosing (NOx abatement) due to it incorrectly reading the stack gas concentrations and then initiating an automatic control loop beyond the operator's control.
How did the abnormal operation end? (e.g. plant repaired, reaching maximum permitted duration, initiation of shutdown, etc.)	A background reference was performed on the analysers to recalibrate the system and return it back to normal operation, which in turn stopped the automatic control loop.
Where the abnormal operation was caused by the failure of the particulate, CO or TOC CEM, attach a copy of the alternate monitoring data which was used to demonstrate compliance with the abnormal operation emission limit values.	

Where abatement plant has failed, give the half-hourly average emissions for pollutants of relevance during the abnormal operation in the rows below								
Pollutant	1st ½ hour	2nd ½ hour	3rd ½ hour	4th ½ hour	5th ½ hour	6th ½ hour	7th ½ hour	8th ½ hour
NOx	463.88 mg/m ³	472.87 mg/m ³	316.53 mg/m ³	339.62 mg/m ³	455.51 mg/m ³	314.98 mg/m ³	264.66 mg/m ³	310.26 mg/m ³
Name*				Fiona Bussell				
Post				EHS Manager				
Signature				F. Bussell				
Date				23/09/2016				

* authorised to sign on behalf of **Viridor Waste Management Limited**

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	EPR/LP3030XA
Name of operator	Viridor Waste Management Limited
Location of Facility	Cardiff Energy from Waste Facility, Trident Park, Cardiff.
Time and date of the detection	00:00; 23/09/2016

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit

Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Part C

Permit Number	EPR/LP3030XA
Name of operator	Viridor Waste Management Limited
Location of installation	Cardiff Energy from Waste Facility, Trident Park, Cardiff.

Time at which abnormal operation commenced	20:00
Time at which abnormal operation ceased	22:00
Duration of this incidence of abnormal operation	2 hours
Cumulative abnormal operation duration in current year (at end of present incidence)	6 hours
Reasons for abnormal operation	An electrical fault caused the line (line 2) to trip at approximately 18:00 hours. The booster fan on the reagents injection line into the FGT was affected as a result. This led to a build-up of lime within the screw and prevented the delivery of lime into the system, thereby resulting in no dosing and inactive abatement.
How did the abnormal operation end? (e.g. plant repaired, reaching maximum permitted duration, initiation of shutdown, etc.)	The blockage was cleared by the shift operations team and faulty electrical card replaced on the booster fan, returning all back into normal service.
Where the abnormal operation was caused by the failure of the particulate, CO or TOC CEM, attach a copy of the alternate monitoring data which was used to demonstrate compliance with the abnormal operation emission limit values.	

Where abatement plant has failed, give the half-hourly average emissions for pollutants of relevance during the abnormal operation in the rows below								
Pollutant	1st ½ hour	2nd ½ hour	3rd ½ hour	4th ½ hour	5th ½ hour	6th ½ hour	7th ½ hour	8th ½ hour
HCl	33.75 mg/m ³	31.39 mg/m ³	43.04 mg/m ³	62.77 mg/m ³				
Name*					Fiona Bussell			
Post					EHS Manager			
Signature					F. Bussell			
Date					23/09/2016			

* authorised to sign on behalf of **Viridor Waste Management Limited**

