

Site Visit Report

The site visit process is a sample on a particular day of an installation's compliance with some of its licence conditions. Where non-compliance against a particular condition has not been reported, this should not be construed to mean that there is full compliance with that condition of the licence.

Instructions and actions arising from the visit shall be addressed, or where applicable noted, by the licensee in order to ensure compliance, to improve the environmental performance of the installation and to provide clarification on certain issues.

The licensee shall take the actions specified to close out the non-compliances and observations raised in this Site Visit Report.

Licensee	
Name of Installation	Dublin Waste to Energy
Licensee	Dublin Waste to Energy Limited
Licence Register No.	W0232-01
CRO Number	399060
Site Address	Pigeon House Road, Poolbeg Peninsula, Dublin 4, Dublin
Site Visit Reference No.	SV12228

Report Detail	
Issue Date	29/06/2017
Prepared By	Simon Buckley

Site Visit Detail					
Date Of Inspection	08/06/2017	Announced	No		
Time In	14:20	Time Out	16:20		
Agency Personnel On Site	Simon Buckley				
Licensee Personnel and Role	Kieran Mullins, Business Manager Mark Heffernan, Environmental Manager Chuck Davis, Continuous Emissions Monitoring System (CEMS) Coordinator				
Photo Taken	No	Samples Taken	No	Video Taken	No
Odour Assessment	No				

> Scope

The scope of this site visit was to evaluate the licensee`s compliance with the conditions of Industrial Emission's (IE) licence Reg. No. W0232-01 and to assess the licensee`s response to incident Ref. No`s. INCI012229 (uncontrolled combustion of waste) and INCI12230 (spillage). The purpose of this report is to present the findings of the site visit.

> Media

The following medium was inspected at the time of the site visit:

- Air.

> Site Areas Inspected

The following areas were inspected at the time of the site visit:

- Control room.

> Documents Inspected

No documents were inspected at the time of the site visit.



1. Site Specific Issues

1.1

	Answer	Condition Number	Non Compliance	Observation
Incident Ref. No. INCI012229 (uncontrolled combustion of waste)	Checked	9.3		
Comment / Corrective Action				
<p>On 08/06/2017 at 14:20hrs EPA personnel visited the Dublin Waste to Energy Limited facility, Pigeon House Road, Poolbeg Peninsula, Dublin 4. The licensee explained to EPA personnel that on 07/06/2017 at approximately 20:44hrs the temperature of the combustion chamber on line one decreased below the minimum 850°C required for the combustion of waste in accordance with the licence conditions. The incident was notified to the EPA by phone at 21:20hrs on the same date and electronic incident notification was submitted the following day (incident Ref. No. INCI01229, received 08/06/2017).</p> <p>The licensee explained that the failure to maintain temperature was caused by the shutdown of the induced draft fan due to high differential pressure in the bag house. The licensee indicated that it had resolved the issue and the auxiliary burners restarted to maintain temperature. At approximately 22:40hrs the licensee began an emergency shutdown of line one with waste in the combustion chamber after being made aware of a spillage from the baghouse filter hoppers.</p> <p>At the time of inspection all activities at the facility had ceased.</p> <p>Corrective Action Required</p> <p>The licensee shall update the EDEN incident notification Ref. No. INCI012229 as soon as practicable with a written report that satisfies the requirements of condition 9.3 of the licence.</p>				

1.2

	Answer	Condition Number	Non Compliance	Observation
Incident Ref. No. INCI012230 (spillage)	Checked	9.4.2		
Comment / Corrective Action				
<p>On 07/06/2017 at approximately 22:45hrs the licensee began the emergency shutdown of line one after being made aware of a spillage from the baghouse filter hoppers. A number of workers in the area required medical attention and activities ceased in order to investigate the cause of the spillage.</p> <p>The EPA was notified of the incident by phone on 08/06/2017 at 02:00hrs and an electronic incident notification was received through EDEN shortly afterwards (incident Ref. No. INCI012230, received 08/06/2017).</p> <p>The licensee outlined to EPA personnel that a preliminary visual assessment of the area indicated that the material was contained within the building and had not escaped to atmosphere, ground or surface waters.</p> <p>The licensee was unable to immediately clean up the material as the area had been secured as part of an investigation by the Health and Safety Authority.</p> <p>At the time of inspection all activities at the facility had ceased.</p> <p>Corrective Actions Required</p> <p>The licensee was shall:</p> <ul style="list-style-type: none"> • Update the EDEN incident notification Ref. No. INCI012230 as soon as practicable with a full written report that satisfies the requirements of condition 9.3 of the licence • When not otherwise prohibited from doing so, clean up the spillage material and handle in such a way as to alleviate its effects on the environment in accordance with condition 9.4.2 of the licence • Maintain all information pertaining to the spillage incident and ensure it is available for inspection by EPA personnel. 				

1.3

	Answer	Condition Number	Non Compliance	Observation
Failure to control the combustion process	Checked	3.18.5	Yes	
Comment / Corrective Action				
<p>On 07/06/2017 at approximately 20:44hrs when waste was in the combustion chamber, the licensee failed to operate the incineration plant in such a way that after the last injection of combustion air, the gas resulting from the process was raised, in a controlled and homogeneous fashion, for a duration of two seconds to a temperature of 850°C.</p> <p>Corrective Action Required</p> <p>The licensee shall comply with condition 3.18.5 of the licence.</p>				

One non-compliance was recorded during the site visit under Condition 3.18.5 of the licence in relation to operation of the incineration plant for the purposes of combustion of waste.

FOLLOW-UP ACTIONS

You are required to complete the instructions and actions, as outlined in this report, within the specified timeframe. Where required, you shall respond to actions specified in Compliance Investigations within the required timeframe. The licensee shall maintain documentary evidence, for review by the EPA, that the prescribed corrective actions were completed within the required timeframe.

(i) Compliance Investigations

You are not required to respond directly to items contained in this EPA site visit report; where an issue requires a direct response, the EPA will generate a Compliance Investigation through the EDEN system. You will receive notification when a Compliance Investigation instruction or action is generated.

(ii) Publication of reports and licensee response.

Please note that this Site Visit Report will be made available for public viewing via the EPA's Licence Enforcement Access Portal within one day of the issue date and will be published on the Licence Details Page of the EPA's website, www.epa.ie, that relates to your licence 60 calendar days after the issue date.

You may if you choose submit, within 45 calendar days of the issue date of this Site Visit Report, a Licensee Public Response that will be published alongside the Site Visit Report. This Response, should you wish to avail of it, provides you with an opportunity to inform the public about how you are implementing the actions set out in the report, activities underway, timescales and target completion dates. Please be aware that the content of your Licensee Public Response must be factual and should not breach the EPAs stated online publication standards.

If you wish to submit a Licensee Public Response to an EPA Site Visit Report, you should do this by clicking on the 'Make a Response' link on the Site Visits page in EDEN. A .pdf document containing your response can be attached and submitted from here.

(iii) Response to Site visit report

Where you do wish to respond directly to a site visit report, you should do this by generating a 'Licensee Return' of the type 'Site Updates/Notifications' and the sub-type 'Response to EPA Report' in EDEN.

Please note that you are required to comply with the conditions of your licence at all times, and where noncompliance occurs you must restore compliance within the shortest possible time. These actions will be verified during subsequent EPA visits.

Please quote the above Inspection Reference Number in any future correspondence in relation to this Report.