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.	SV12136

Report Detail

Issue Date	10/05/2017
Prepared By	Thomas Sexton

Site Visit Detail

Date Of Inspection	03/05/2017	**Announced**		No	
Time In	10:15	**Time Out**		12:30	
Agency Personnel On Site	Thomas Sexton				
Licensee Personnel and Role	Mr Mark Heffernan, Environmental Manager Mr Rhodri Jones, SICK Lead Commissioning Engineer Mr Donal Fanning, Chief Operations Manager				
Photo Taken	No	**Samples Taken**	No	**Video Taken**	No

Scope

The scope of the site visit was to evaluate progress in the construction of the waste to energy facility and the licensees compliance with the conditions of industrial emissions licence Reg. No. W0232-01. In particular, the site visit was to confirm and evaluate the activities that resulted in a number of air pollution complaints being received by the Environmental Protection Agency (EPA) on the 01/05/2017 and 02/05/2017 concerning the activities taking place at Dublin Waste to Energy Limited. The purpose of this report is to present the findings of the site visit.

Media

- Air
- Waste.

Site Areas Inspected

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

- Waste reception hall ramp
- Waste reception hall door
- Waste bunker
- Incinerator bottom ash (IBA) collection and transfer conveyor
- Continuous emissions monitoring system for emission point reference No. A2-1 and A2-2
- Control room and continuous emissions monitoring system data
- Continuous emissions monitoring system cabin
- Boiler No. 1 and 2
- Burners No. 1 and 2
- Temporary steam blow down infrastructure located to the west of the installation.

Documents Inspected

The following documents were inspected during the site inspection:

Condition 11.4, Complaints records Ref. 2017/001, 2017/002, 2017/003, 2017/004.

1. Site Specific Issues

		Answer	Condition Number	Non Compliance	Observation
1.1	Hot commissioning of boilers	Checked	NA		Yes

Comment / Corrective Action

The refractory dry out and associated steam blow downs for boiler 1 and 2, which took place over the period 28th April to 2nd May, resulted in steam emissions to atmosphere through permanent start up roof ventilation and temporary steam blow down structures located to the west of the installation. Boiler 1 and 2 steam blow downs taking place in parallel resulted in significant quantities of steam emissions. The licensee confirmed that this aspect of the commissioning activity was concluded and decommissioning of the temporary steam blow down structures required for the aforementioned activities commenced on 02/05/2017.

Corrective actions required

The licensee is reminded that activities shall be carried out in a manner such that emissions do not result in significant impairment of, or significant interference with the environment beyond the facility boundary.

		Answer	Condition Number	Non Compliance	Observation
1.2	Complaints	Checked	11.4		Yes

Comment / Corrective Action

The complaint records show that the licensee had received three complaints, at the time of the visit, in addition to the thirteen complaints received by the EPA concerning the steam emissions.

Corrective actions required

The licensee is reminded of its obligation under condition 11.4 of the licence to record and maintain the response made to each complainant.

		Answer	Condition Number	Non Compliance	Observation
1.3	Continuous emissions monitoring data	Checked	11.5.1		Yes

Comment / Corrective Action

Boiler 1 and 2 continuous emissions monitoring system (CEMS) data for the period 28th April to 2nd May was not available for inspection. The licensee explained that the necessary software/ information technology connectivity between the CEMS cabin and the control room was being installed/maintained.

Corrective actions required

The licensee is reminded of its obligation under condition 11.5.1 of the licence and shall establish a data management system for presenting the CEMS data.

Summary

The refractory dry out and associated steam blow downs for boiler 1 and 2, taking place in parallel, resulted in significant steam emissions to atmosphere. The licensee confirmed that this aspect of the commissioning activity was concluded and the nature and extent of such emissions will not take place in future.

Since the first loads of waste were accepted on 24/04/2017 no further waste has been accepted and incineration of waste has not commenced.

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.