

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.	SV15595

Report Detail	
Issue Date	25/05/2018
Prepared By	Victor Olmos

Site Visit Detail					
Date Of Inspection	03/05/2018	Announced	No		
Time In	08:21	Time Out	14:46		
Agency Personnel On Site	Victor Olmos				
Licensee Personnel and Role	Mark Heffernan, Environmental Manager Robert Collins, Environmental Officer John O'Leary, Instrumentation and Electrical Engineer Paul Martin, SICK, Instrument/Service Engineer Donal O'Faogain, Exova team leader Rhodri Jones (via phone), SICK Project Manager				
Photo Taken	No	Samples Taken	No	Video Taken	No
Odour Assessment	No				

> Scope

The scope of the visit was to observe the independent air monitoring contractors carrying out a functional test audit on the continuous emissions monitoring system (CEMS) prior to annual surveillance test (AST) campaign on behalf of the licensee and to clarify software settings for the redundant CEMS unit. The purpose of this report is to present the findings of the site visit.

> Media

The following media was inspected during the site visit:

- Air.

> Site Areas Inspected

The following site areas were inspected during the site visit:

- CEMS cabin

> Documents Inspected

The following documents were inspected during the site visit:

- EPA air guidance note on the Implementation of IS EN 14181 (AG3)
- Gas cylinder certificates



1. Site Specific Issues

	Answer	Condition Number	Non Compliance	Observation
1.1	CEMS software settings	Checked	No	Yes
Comment / Corrective Action				
<p>The Data acquisition and handling systems (DAHS) settings were discussed over the phone with the CEMS representative. The following points were discussed:</p> <ol style="list-style-type: none"> 1. The DAHS allows for the implementation of calibration functions for the redundant unit (2 lines); 2. Contradictive information was provided with regards the basis of the oxygen values provided to the analytical laboratory to calculate dioxins concentrations; 3. The moisture values used to carry out moisture corrections within the CEMS software (not DAHS) do not have the calibration function implemented whereas the O2 values used for O2 correction have the calibration function implemented (in DAHS). It is the understanding of the EPA that the same approach must be used for all peripheral measurements. <p>Corrective action required: The licensee shall:</p> <ol style="list-style-type: none"> 1. submit a spreadsheet with data recorded by the DAHS where the implementation of calibration functions for the redundant unit using different lines (line1 and line 2) are clearly shown. The spreadsheet shall contain raw data, calibrated data and corrected data and the columns headings shall indicate the data channel, applicable calibration function and basis of measurement (with/without QAL2 calibration function, before/after O2 correction, etc); 2. clarify the basis (wet/dry, calibration function implemented) of the O2 values provided for dioxins concentrations corrections. The clarification shall be supported with monitoring logs from the continuous dioxins sampler and DAHS data. The licensee shall apply the relevant corrections to all monitored parameters as per monitoring standards; 3. implement the CEMS software with calibration functions application for moisture corrections. 				

No non-conformances were recorded during the visit. One observation was recorded during the site inspection concerning the software settings for the CEMS.

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.