EPA Application Form

7.7 - Discharges to Storm Water - Attachment

Organisation Name: * Dublin Waste to Energy Limited

Application I.D.: * LA003577

* indicates required field

Amendments to this Application Form Attachment

Version No.	Date	Amendment since previous version	Reason
V.1.0	July 2017	N/A	Online application form attachment
As above	Mar 2018	Identification of required fields	Assist correct completion of attachment

Storm Water Discharge Points

Storm water is rain water run-off from roof and non-process areas

Complete the table below for all storm water discharge points – (one row per discharge point).

Note: This section is NOT for rain water run-off from areas used for the outdoor storage of waste OR run-off from process areas likely to be contaminated.
(Process effluent discharges and emissions should be described in the 7.2 Emissions to Water tab of the application form).

Discharge Point Code *	Easting * [1]	Northing * [2]	Discharges to? (enter relevant option) * [3]	Description of Discharge Point and Controls *	Name of receiving water (where applicable) *	Receiving Water Code (where applicable) *
SE1-D	319966	233682	Ringsend Municipal Wastewater Treatment Plant (MWwTP)	Surface water runoff from building roofs, roads, parking areas etc. is stored in an attenuation tank for re-use in the process. Overflow from the attenuation tank discharges to the neighbouring Ringsend MWwTP.	n/a	n/a

*add rows to the table as necessary

[1] Six Digit GPS Irish National Grid Reference
[2] Six Digit GPS Irish National Grid Reference
[3] Options: 'River', 'Ditch', 'Estuary', 'Lake', 'Land Drain', 'Foul Sewer', 'Percolation Area', 'Groundwater', 'Storm Sewer' or 'Other'
(where 'Other' is selected please enter a description)

* indicates required field

Storm Water Discharge Monitoring Points

Enter the Discharge Point Code, the associated Monitoring Point Code and the grid reference details for each Monitoring Point location.

Discharge Point Code*	Monitoring Point Code*	Easting * [4]	Northing * [5]
SE1-D	SE1-M	319966	233682

*add rows to the table as necessary

[4] Six Digit GPS Irish National Grid Reference
[5] Six Digit GPS Irish National Grid Reference

* indicates required field

Storm Water Trigger Levels and Monitoring

Complete the table below with details of the trigger levels and proposed monitoring regime for each parameter.

Select parameters that are a good indicator of loss of containment on-site. Consult the EPA guidance in the setting of trigger values for storm water discharges to off-site surface wastes at EPA licensed facilities (2012).

(If different parameters or monitoring arrangements apply at different storm water discharge points include information on this within the table).
At present DWtE continuously monitor surface water over flow from the attenuation tank. DWtE are requesting that this monitoring change to obtaining a grab sample for analysis prior to discharge of the over flow to Ringsend MWwTP. There is no automatic pumping function between the DWtE attenuation tank and Ringsend MwWTP. In order to pump from the attenuation tank to the MWwTP the pump has to be physically activated in the control room. In the event that the water in the attenuation tank does not meet the trigger values below, the water will not be pumped to the MWwTP but will instead be disposed of at a suitable waste facility.

Parameter*	Trigger Level *	How was the trigger level determined? *	Proposed Monitoring Frequency * [6]	Sampling / Monitoring Sample Method * [7]	Analysis Method and Technique * [8]
SE1-M					
Visual and olfactometric evidence of contamination	Not Relevant	n/a	Prior to discharge to Ringsend MWwTP.	Grab	Visual Analysis
pH	6-8.5	Monitoring Records and EPA Guidance	Prior to discharge to Ringsend MWwTP.	Grab	pH meter
TOC	40	Monitoring Records and EPA Guidance	Prior to discharge to Ringsend MWwTP.	Grab	TOC analyser
Temperature	30	Monitoring Records and EPA Guidance	Prior to discharge to Ringsend MWwTP.	Grab	Temperature meter

*add rows to the table as necessary

[6] Option list: 'Continuous', 'Hourly', 'Daily', 'Weekly', 'Monthly', 'Quarterly', 'Biannually' OR 'Annually'.
[7] Option list: 'Continuous', '24-hour Flow Proportional Composite', '24-hour Time Proportional Composite' OR 'Grab'.
[8] Option list: 'Gravimetric', 'Online Calibrated Suspended Solids', 'Online Flow Meter with Recorder', 'Online pH electrode/probe Meter and Recorder', 'Online Temperature Probe with Recorder', 'Standard Method', 'Visual', OR 'To be agreed by the Agency'.

If not provided for in the table above, upload a document that includes details of how storm water is proposed to be monitored (select Document Type: 'Storm Water Monitoring' in the application form).

Storm Water Monitoring document file name: n/a