



## Waste Water Discharge Authorisation

### Attachment C.1 – Discharges & Monitoring

**Applicant Name:\***

Ballycotton

**Application I.D.:\***

D0516-02

## SECTION C: DISCHARGES & MONITORING

This part of the application form collects information on the existing and proposed waste water discharges from the waste water works serving the agglomeration including proposed emission levels and monitoring results.

### Section C.1 Discharges & Monitoring

#### Primary waste water discharge

**Table C.1(a)** - Primary waste water discharge *(complete the table for existing and proposed primary discharge where relevant)*

Existing Primary Waste Water Discharge						
EDEN Code (where applicable)	Unique Point Code	Discharge Location	Monitoring Location	Receiving Water Name	WFD Code Receiving Water	Type of Receiving Water
TPEFFOSOOD0516SW001	SW001	E199250, N64250*	E200015, N63896	Ballycotton Bay	IE_SW_040-0000	Coastal

\*Please note there is a discrepancy between the primary discharge (SW001) coordinates given in the existing wastewater discharge licence application and the existing wastewater discharge licence. The existing primary discharge point coordinates given above are in accordance with the 2014 wastewater discharge licence.

Proposed Primary Waste Water Discharge						
EDEN Code (where applicable)	Unique Point Code	Discharge Location	Monitoring Location	Receiving Water Name	WFD Code Receiving Water	Type of Receiving Water
TBC	SW004	E199286, N64270**	E200015, N63896	Ballycotton Bay	IE_SW_040-0000	Coastal

\*\*The proposed primary discharge point location differs from the existing as the outfall pipe will be repaired to ensure it discharges below the low water level in accordance with the requirements set out in the current Wastewater Discharge Licence and Foreshore Licence

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Discharges Emission Levels and Monitoring (as per existing licence)							
Discharges					Monitoring		
Parameter	Units	Interim emission level (or Interim % Reduction)	Proposed emission level	Emission level commencement date	Monitoring Frequency	Sampling Method	Analysis method/Technique
cBOD	mg/l	-	20% reduction	Q4, 2024/When Operational	Bi-monthly	Composite	Standard method
Suspended Solids	mg/l	-	50% reduction	Q4, 2024/When operational	Bi-monthly	Composite	Standard method

Secondary Waste Water Discharge

Is a Secondary discharge associated with the agglomeration?	Yes
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If yes, complete the following table for each secondary waste water discharge.

**Table C.1(b)** - Secondary waste water discharge – **To be discontinued**

Secondary Waste Water Discharge							
EDEN Code (where applicable)	Unique point Code	Discharge Location	Monitoring Location	Receiving Water Name	WFD Code Receiving Water	Type of Receiving Water	Decommissioning date if applicable
TPEFF0500D0516SW002	SW002*	E200016, N63892	E200015, N63896	Ballycotton Bay	IE_SW_040-0000	Coastal	Q4, 2024

\*Existing secondary discharge point to be decommissioned.

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Discharges Emission Levels and Monitoring							
Discharges					Monitoring		
Parameter	Units	Interim emission level (or Interim % Reduction)	Proposed emission level	Emission level commencement date	Monitoring Frequency	Sampling Method	Analysis method/Technique
Not Applicable							

**Waste water discharges from Stormwater Overflows**

Are discharges from storm water overflows associated with the agglomeration?	Yes
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If yes, complete the following table for waste water discharges from storm water overflows.

**Table C.1(c)** - Storm Water Overflows (additional rows may be added as required)

Storm Water Overflow (SWO)							
EDEN Code (Where available)	Unique Code	Discharge Location (6E, 6N)	SWO Location (6E, 6N)	Name of Receiving Water	WFD Code Receiving Water	Compliant * (Y/N)	Decommissioning date (where applicable)
Not Applicable	SW005 <sup>1</sup>	E199286, N64270	E198793, N64103	Ballycotton Bay	IE_SW_040-0000	Y	Not Applicable
Not Applicable	SW006	E200016, N63892	E199975, N63825	Ballycotton Bay	IE_SW_040-0000	Y	Not Applicable
Not Applicable	SW007	E199286, N64270	E199136, N64190	Ballycotton Bay	IE_SW_040-0000	Y	Not Applicable

\* compliant with the criteria as set out in the DoEHLG ‘Procedures and Criteria in Relation to Storm Water Overflows’, 1995

<sup>1</sup> SW005 - renaming existing licensed SWO, SW003 (SW003 - TPEFF0500D0516SW003) due to change in discharge coordinates

**Emergency Overflow Point(s)**

Are discharges from emergency overflows associated with the agglomeration?	Yes
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If yes, complete the following table for waste water discharges from an emergency overflow.

**Table C.1 (d)** - Emergency Overflow (additional rows may be added as required) - *as per above table as all overflows are dual function*

Emergency Overflow Point					
Name of pumping station	Unique point code	Discharge Location (6E, 6N)	Emergency Overflow Location (6E, 6N)	Name of Receiving Water	WFD Code of Receiving Water
WwTP Overflow	SW005	E199286, N64270	E198793, N64103	Ballycotton Bay	IE_SW_040-0000
Pier PS	SW006	E200016, N63892	E199975, N63825	Ballycotton Bay	IE_SW_040-0000
Cow PS	SW007	E199286, N64270	E199136, N64190	Ballycotton Bay	IE_SW_040-0000

## Waste water treatment plant monitoring data

In the case of an existing associated waste water treatment plant(s), provide a summary of the sampling data pertaining to the discharge based on the samples taken in the 12 months preceding the making of the application by completing the following table.

**Table C.1(e)** - Effluent monitoring results

Parameter:	pH	cBOD	COD	Suspended Solids	Total Phosphorous	Total Nitrogen	(Add columns for additional parameters as required)
Number of Samples:	Not Applicable. Primary WwTP is proposed, therefore no effluent monitoring results are available.						
Max result:							
Min result:							
Average result							
Number of exceedances of ELV: (Where applicable)							
Overall compliance: (%)							