



ATTACHMENT C.1:
DISCHARGES AND MONITORING



Waste Water Discharge Authorisation

Attachment C.1 – Discharges & Monitoring

Applicant Name:*

Grenagh

Application I.D.:*

TBC

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

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

Existing Primary Waste Water Discharge (A0524-01)						
EDEN Code (where applicable)	Unique Point Code	Discharge Location	Monitoring Location	Receiving Water Name	WFD Code Receiving Water	Type of Receiving Water
TPEFF0500A0524SW001	SW001	158833E, 084980N	158826E, 084743N	Martin River	MARTIN_010 (IE_SW_19M010200)	River

Proposed Primary Waste Water Discharge (no change from A0524-01)						
EDEN Code (where applicable)	Unique Point Code	Discharge Location	Monitoring Location	Receiving Water Name	WFD Code Receiving Water	Type of Receiving Water
Not Available as new WWDL application	SW001	158833E, 084980N	158826E, 084743N	Martin River	MARTIN_010 (IE_SW_19M010200)	River

Proposed 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
pH	pH Units	-	6-9	-	Bi-monthly	Composite	pH Meter and recorder
BOD	mg/l	-	25	-	Bi-monthly	Composite	Standard Method
COD	mg/l	-	125	-	Bi-monthly	Composite	Standard Method
Suspended Solids	mg/l	-	35	-	Bi-monthly	Composite	Standard Method
Ammonia (as N)	mg/l	-	3	-	Bi-monthly	Composite	Standard Method
Ortho-Phosphate (as P)	mg/l	-	1.65	-	Bi-monthly	Composite	Standard Method
Visual Inspection	Descriptive	-	-	-	Weekly	Grab	Standard Method

Secondary Waste Water Discharge

Is a Secondary discharge associated with the agglomeration?	No
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If yes, complete the following table for each secondary waste water discharge.

Table C.1(b) - Secondary waste water discharge

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
Not applicable							

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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) (*no change from TPEFF0500A0524SW002*)

Proposed Storm Water Overflows (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)
TBC	SW002	158833E, 084980N	158797E, 084739N	Martin River	MARTIN_010 (IE_SW_19M010200)	Y	Not Applicable

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

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)

Refer to **Table C.1(c)** – SW002 is a Dual Function Overflow – acts as an SWO or EO depending on the circumstances.

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
EO from WwTP	SW002	158833E, 084980N	158797E, 084739N	Martin River	MARTIN_010 (IE_SW_19M010200)

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 **Bi-annual samples as per CoA A0524-01 (IW 2020-2021 data)**

Parameter:	cBOD (mg/l)	COD (mg/l)	Suspended Solids (mg/l)
Number of Samples:	4	4	4
Max result:	13	36	25
Min result:	7.5	10.5	3
Average result	8.6	46	12.8
Number of exceedances of ELV: (Where applicable)	-	-	-
Overall compliance: (%)	-	-	-