



Waste Water Discharge Authorisation

Application Form

EPA Ref. N^o: <i>(Office use only)</i>	<input type="text"/>
--	----------------------

Environmental Protection Agency

PO Box 3000, Johnstown Castle Estate, Co. Wexford

Lo Call: 1890 335599 Telephone: 053-9160600 Fax: 053-9160699

Web: www.epa.ie

Email: info@epa.ie

ABOUT THIS APPLICATION FORM

This Application Form is for the purpose of making an application for a Waste Water Discharge Authorisation under the European Union (Waste Water Discharge) Regulations 2007 to 2020, or for the review of an existing Waste Water Discharge authorisation. It should be completed in accordance with the Guidance Document which is available on www.epa.ie.

A valid application for a Waste Water Discharge Authorisation must contain the information prescribed in the European Union (Waste Water Discharge) Regulations 2007 to 2020. Regulations 16 and 24 set out the statutory information requirements for a Waste Water Discharge licence (WWDL) and a Certificate of Authorisation (CoA) application respectively.

Neither this Application Form nor the guidance document purport to be and should not be considered a legal interpretation of the provisions and requirements of the European Union (Waste Water Discharge) Regulations 2007 to 2020.

While every effort has been made to ensure the accuracy of the material contained in this Application Form, the EPA assumes no responsibility and gives no guarantees, undertakings or warranties concerning the accuracy, completeness or up-to-date nature of the information provided herein and does not accept any liability whatsoever arising from any errors or omissions.

Should there be any contradiction between the information requirements set out in this Application Form and any clarifying explanation contained in the Guidance Note, then the requirements in this Application Form should take precedence. The requirements of the Regulations shall take precedence over any considerations mentioned in this Application Form, the guidance document or on the website.

The Application Form comprises sections A-E as follows:

Section A:	Non-Technical Summary
Section B:	General
Section C:	Discharges & Monitoring
Section D:	Impact Assessment
Section E:	Declaration

SECTION A: NON-TECHNICAL SUMMARY

Advice on completing this section is provided in the accompanying Guidance Document.

A.1 Non-Technical Summary

This part of the Application Form collects a Non-Technical Summary which identifies all environmental impacts of significance associated with the discharge of waste water from the waste water works.

A1.1 Supporting documents

Complete the following table and submit the relevant supporting document as Attachment A1 in accordance with the guidance.

Table 1 - Non-Technical Summary Document Name

Document type	Document name
Non-technical summary	Attachment A.1 – Non-Technical Summary

SECTION B: GENERAL

Advice on completing this section is provided in the accompanying Guidance Document.

B.1 Application Details

This part of the form collects contact details, the type of application, and the location and size of the agglomeration.

B.1.1 Application Type

This part of the form collects details of the type of application being made.

Table 2 – Application Type

		Tick as appropriate (✓)
A	Application for the review of an existing authorisation	✓
B	New application for a licence in respect of which the Agency has previously granted a certificate	
C	New application for a licence for discharges (>500 P.E)	
D	New application for a certificate for discharges (< 500 P.E.)	

If A or B are applicable, provide the following information:

Current EPA Authorisation Register Number(s)	D0516-01
--	----------

If A is applicable, provide the following information:

Grounds for review on which the application is being made:
<p>The existing licence authorises a population equivalent (PE) of 500-1,000 threshold (971PE). The proposed sewerage scheme has been designed to cater for the projected load at the 10–year design horizon (1,082 PE) which has been granted Planning permission.</p> <p>A license review is required for the following reason;</p> <ul style="list-style-type: none"> • The proposed infrastructure will accommodate loading in excess of the licensed PE threshold i.e., > 1,000 PE and a PE above that which is currently authorised. <p>Some other changes as part of this review application include;</p> <ul style="list-style-type: none"> • The agglomeration boundary has been revised to account for recent development in Ballycotton. • The discharges which are described in the existing license are being repurposed, as such new discharge reference numbers will be used in this application.

If C or D are applicable, provide the following information:

Date on which the waste water works became / becomes operational:	Q4 2024
---	---------

In the case of an application for a licence (review), confirm the agglomeration population equivalent (p.e.):

Table 3 - Agglomeration p.e. thresholds

Discharges from agglomerations with a p.e. of	Tick as appropriate (✓)
more than 10,000	
2,001 to 10,000	
1,001 to 2,000	✓
500 to 1,000	

B.1.2 Applicant’s Details

Provide the following information:

Table 4 - Name and Address of Applicant

Name*:	Irish Water
Address:	Colvill House 24-26 Talbot Street Dublin 1 D01 NP86
CRO Number:	530363
Tel:	01 8925000
e-mail:	WasteWaterLicensingSouthern@Water.ie

**This should be the name of the water services authority in whose ownership or control the waste water works is vested.*

Note that only application documentation submitted by the applicant and by the nominated person will be deemed to have come from the applicant.

Table 5 – Name and Address for Correspondence

Name*:	Ken Conroy
Address:	Colvill House 24-26 Talbot Street Dublin 1 D01 NP86
Tel:	01 8925000
e-mail:	WasteWaterLicensingSouthern@Water.ie

**This should be the name of person nominated by the water services authority for the purposes of the application.*

B.2. Agglomeration Details

This part of the form collects details of the agglomeration, the waste water works and any associated waste water treatment plant, capacity details and waste water inputs.

B.2.1 Agglomeration name and Geographical Location

Table 6 - Agglomeration Name and Location

Name of Agglomeration:	Ballycotton
Name of townland or townlands of the agglomeration served by a waste water works to which the application relates:	Ballycotton
Included on EPA Waste Water Priority List?	Yes ; Action plan; Provision of a primary WwTP.
Included on European Commission infringement list?	No

B.2.2 Waste water works and associated Waste Water Treatment Plant(s)

Table 7 - Waste Water Works

<p>Description of the existing waste water works:</p>	<p>At present, waste water generated in the agglomeration (D0516-01) is collected in two combined collection systems.</p> <p>The west of the agglomeration is served by a gravity sewer network (approx. 1300m of sewers), which drains to a septic tank with a nominal treatment capacity of 50-60PE but which is essentially ineffective now due to the current load to the tank. It is located along the foreshore and discharges into the Ballycotton Bay via a sea outfall (current licence discharge code. SW001). The septic tank also includes an overflow to Ballycotton Bay (current licence discharge code SW003).</p> <p>The east of the agglomeration is served by a gravity sewer network (approx. 800m of sewers), which discharges untreated wastewater from an outfall by the pier into Ballycotton Bay (current licence discharge code SW002). This practice of discharging untreated wastewater to the bay is no longer acceptable and Irish Water intends to fix this problem in partnership with Cork County Council by developing a sewerage scheme.</p>
<p>Description of proposed development, if any, to which the application relates:</p>	<p>Ballycotton Sewerage Scheme Overview</p> <p>The proposed Ballycotton Sewerage Scheme will include a new wastewater treatment plant (WwTP) providing primary treatment (as required under Schedule C.1 Specified Improvement Programme in the current discharge licence), a gravity sewer sized to convey treated effluent from the WWTP to the existing outfall, 2 no. proposed wastewater pumping stations with stormwater storage, approximately 1,220m of new wastewater rising mains, 655m of new gravity sewers and associated and ancillary infrastructure.</p> <p>The proposed Ballycotton Sewerage Scheme upgrade will consist of the following components;</p> <ol style="list-style-type: none"> 1. A 120m long, 225mm internal Ø gravity sewer extending from Cliff Road to the new Ballycotton Pier Pumping Station. 2. A pumping station on Ballycotton pier with

	<p>65m³ stormwater storage capacity.</p> <p>3. A 660m long rising main to convey wastewater from Ballycotton Pier Pumping Station to the header manhole located along Main Street.</p> <p>4. A 35m, 225mm internal Ø gravity sewer to convey flows from the header manhole to the existing gravity sewer along Main Street.</p> <p>5. A 50m long, 375mm internal Ø gravity sewer to divert flows from the existing septic tank to the new Cow Lane Pumping Station.</p> <p>6. A pumping station along Cow Lane with 105m³ stormwater storage capacity.</p> <p>7. A 560m long rising main to convey wastewater from the Cow Lane pumping station to the WWTP site.</p> <p>8. A WwTP providing preliminary and primary treatment for a population equivalent (PE) of 1082.</p> <p>9. 370m long access road from the L-3633 public road to the WWTP site.</p> <p>10. A 450m long, 300mm internal Ø terrestrial gravity pipeline to convey treated effluent from WwTP to existing outfall.</p> <p>The proposed WwTP and associated works will meet the requirements of the Urban Waste Water Treatment Directive (91/271/EEC) by ensuring appropriate treatment is provided for all waste water collected in the sewerage collection system.</p> <p>The EU Water Framework Directive (WFD) (2000/60/EC) requires all Member States to protect and improve water quality in all waters so that they achieve “good” ecological status by 2015 or, at the latest, by 2027. The Ballycotton sewerage scheme will help to improve the water quality in Ballycotton Bay and the surrounding waters through the provision of a primary waste water treatment plant achieving a 20% reduction in the level of cBOD and a 50% reduction in the level of suspended solids being discharged from the agglomeration as required by Schedule A1 of the current discharge licence.</p> <p>Ballycotton is listed on EPA’s Wastewater Priority Areas List; ‘Provision of a primary</p>
--	--

	<p>WwTP” with an anticipated completion timeframe of Q4, 2024 (subject to change). The proposed works will achieve the stated action plan.</p> <p>Physical Characteristics Proposed Wastewater Treatment Plant The proposed scheme will largely be underground. The only significant visible elements of the proposed Scheme once construction is completed will be the proposed WwTP which will be located on a green field site. It will be well away from any of the scenic routes or viewing points in Ballycotton and will not be readily visible from the village or from the adjacent roads</p> <p>The WwTP will consist of an inlet works, stormwater buffer tank, primary settlement tanks, sludge tank, treated effluent balance tank and site control facilities.</p> <p>For further information on the components of the proposed WwTP, please refer to Attachment B.8-Improvement Programme.</p> <p>For further information on the measures which will be in place at the proposed WwTP to avoid or prevent what might otherwise have been significant adverse effects on the environment, please refer to Attachment C.2 Measures to Prevent Unintended Discharges.</p> <p>Once operational, the Ballycotton WwTP will eliminate the discharge of untreated wastewater to Ballycotton Bay, thereby having a significantly positive impact on water quality, aligning with objectives set out in the Water Framework Directive (2000/ 60/ EC) and the European Communities Environmental Objectives (Surface Water) Regulations, SI272 of 2009, as amended (Surface Water Regulations).</p>
<p>Number and type of waste water discharges from the waste water works including proposed waste water discharges:</p>	<p>The proposed works consist of the following discharges;</p> <ul style="list-style-type: none"> • 1no primary discharge from the proposed WwTP • 1no dual function stormwater/emergency overflow serving the WwTP

	<ul style="list-style-type: none"> • 2no dual function stormwater/emergency overflows serving pumping stations <p>Primary Discharge The existing primary discharge (identified as SW001 in the existing WWDL) serving the west of the agglomeration which currently discharges via a septic tank near Cow Lane will be retained as the primary discharge (hereafter identified as SW004) discharging treated effluent via gravity from the WwTP. Some maintenance works are proposed to ensure that the primary discharge outfall is operating to the design standard in accordance with the maintenance requirements set out in the current Wastewater Discharge Licence and Foreshore Licence.). SW004 discharges to Ballycotton Bay at the following location (E199286, N64270 ING).*</p> <p><i>*When compiling this application, it was noted that the coordinates given in the existing licence for the primary discharge point (SW001) are incorrect and give a location approx. halfway along the length of the outfall pipe. The correct coordinates for the end of the outfall are included above.</i></p> <p>WwTP Stormwater Overflow/ Emergency Overflow The existing storm water overflow (SW003) serving the septic tank near Cow Lane and utilising the same outfall as the primary discharge, will be reused as a dual function emergency overflow / stormwater overflow for the WwTP (SW005). Flows in excess of FFT (Flow to full treatment) will overflow to a buffer tank. In the unlikely event that the buffer tank fills to capacity, excess flows will overflow via the WwTP outfall to Ballycotton Bay via the gravity outfall. SW005 discharges to Ballycotton Bay at the following location (E199286, N64270 ING)</p> <p>Pier PS Stormwater Overflow/ Emergency Overflow The existing secondary discharge (SW002) serving the east of the agglomeration which</p>
--	--

	<p>currently discharges untreated wastewater to Ballycotton Bay via an outfall on the eastern side of Ballycotton Pier will be discontinued in accordance with Schedule C2 of the current licence. The outfall pipe shall be reused as the dual function emergency overflow / stormwater overflow (identified as SW006) for the proposed Pier PS. SW006 discharges to Ballycotton Bay at the following location (E200016, N63892 ING)</p> <p>Cow PS Stormwater Overflow/ Emergency Overflow The existing primary discharge (SW001) serving the west of the agglomeration which currently discharges via a septic tank near Cow Lane will be reused as a dual function emergency overflow / stormwater overflow for the Cow PS (SW007) SW007 discharges to Ballycotton Bay at the following location (E199286, N64270 ING).</p>
<p>Is the network assessment complete?</p>	<p>Yes</p>
<p>If the answer above is no, in what year is the assessment expected to be complete?</p>	<p>Not Applicable</p>

Table 8 - Waste water treatment plant associated with the waste water works

Site contact Name*:	Anthony Hickey (Regional Wastewater Compliance Specialist)
Address of waste water treatment plant (including Eircode):	Ballycotton, Co Cork
Telephone Number:	01-8925000
e-mail:	WasteWaterComplianceSouthern@water.ie
Grid ref (6E, 6N)	198791E, 064116N
Description of the treatment process	<p>Primary Treatment will be provided. The proposed WwTP will include the following infrastructure.</p> <ul style="list-style-type: none"> • Inlet flow attenuation chamber with overflow; • Self-contained inlet micro strainer 6mm screen c/w integral hand raked bypass; • Piped bypass manual raked bar screen 19mm • Overflow chamber (FA-FFT) • Stormwater buffer tank (127m³) c/w return pumps and SWO • Flow measurement flume (FFT) • Treated Effluent Balance tank (200m³) • Flow split chamber • 3 no. primary settlement tanks (PST) PST de-sludge/ de-scum chamber to primary sludge pumping station • Sludge holding tank (SHT) with supernatant decant tree • Supernatant liquors pumping station • Collection manhole post PST • Sample chamber c/w final effluent wash water pumps • Potable/ final effluent wash water kiosk c/w break tank and poster pumps. <p>MCC and welfare kiosk.</p>
Primary discharge point reference ID:	SW004

**This should be the name of the person responsible for the supervision of the waste water treatment plant.*

B.2.3 Supporting documents

Complete the following table and submit the relevant supporting documents in accordance with the Guidance Document:

Table 9 - Supporting Document Names

Document type	Document name
B.2 .1 Agglomeration map	Attachment B.2.1 - Agglomeration Map
B.2-2 Site map including discharge and monitoring points.	Attachment B.2.2 - WwTP Site Location Plan Attachment B.2.2 - WwTP Site Plan Attachment B.2.2 - WwTP Sections Attachment B.2.2 - Primary Discharge & Sampling Point Attachment B.2.2 – Stormwater Overflows (2no. Drawings) Attachment B.2.2 – Emergency Overflows (2no Drawings) Attachment B.2.2 – Location of Ambient Monitoring Point
B.2.3 Waste water process flow	Attachment B.2.3 – Wastewater Process Flow

B.2.4 Capacity of the waste water works

Table 10 - Capacity of the Waste water Works (Proposed WwTP)

Population Equivalent of the agglomeration to which the application relates:	1082 (design loading, 10 year PE)*
Maximum average weekly population equivalent of the agglomeration:	799 (current collected loads 2021 AER)
Existing Organic Capacity of the waste water treatment plant - As Constructed or nominal design (p.e.)	Not Applicable – No treatment in place
Proposed Organic Capacity of the waste water treatment plant - As per planning permission or design (p.e.)	1082 (design loading, 10 year PE)
Current Collected Load (p.e.):	799 (2021 AER)
Remaining Organic Capacity (p.e.):	0
Is the plant overloaded – organic loading?	Not Applicable – No treatment in place
Current Peak Hydraulic Capacity of the waste water works–As Constructed or nominal design (m ³ /day):	Not Applicable – No treatment in place
Proposed Peak Hydraulic Capacity of the waste water works–As per planning permission or nominal design (m ³ /day):	1,565m ³ /day (10 year, formula A) ** to inlet for preliminary treatment (screening; 622m ³ /day for primary treatment
Current and proposed dry weather flow (DWF) to the treatment plant (m ³ /day):	Current; Not Applicable as no WwTP in place Proposed; 244m ³ /day (based on 225l/PE/Day)
Current average hydraulic loading to the treatment plant (m ³ /day):	Not Applicable – No WwTP in place
Remaining Hydraulic Capacity (m ³ /day):	Existing; Not Applicable – No treatment in place Proposed development; 64.3m (based on DWF)
Is the plant hydraulically overloaded?	Not Applicable – No WwTP in place

* The proposed infrastructure has been designed to cater for the projected load at the 10—year design horizon (1,082 PE). MEICA (Mechanical, Electrical, Instrumentation Control and Automation) infrastructure will be provided to accommodate the 10-year projected load (1,082 PE). However, civil and structural components have been designed to cater for future expansion up to the projected load at the 30-year design horizon (1,750 PE).

**Formula A = DWF + 1360P + 2E

B.2.5 Waste Water Inputs

Table 11 - Waste Water Inputs to Waste Water Works

Inputs	P.E.	% of total PE
Domestic waste water load	1082 – 10 yr projected design load 799 – 2021 Collected loads	100%
Industrial waste water load	0	0%
Leachate	0	0%
Waste water to be conveyed and discharged only (i.e.by pass the WWTP)	0	0%
Total	1082 – 10 yr projected design load 799 – 2021 Collected loads	100%

Where industrial waste water is relevant to this application, provide the following information:

Table 12 - Industrial waste water pre-treatment

A	Is the requirement for pre-treatment (Article 9 of the urban waste water treatment regulations 2001 as amended) met?	Not Applicable
---	--	----------------

If 'No' was answered to A, provide details of the measures to be taken to comply:

Not Applicable

B.3 Planning documentation

B.3.1 Planning information

This part of the application form collects planning information relating to development or proposed development relevant to which the application relates.

Table 13 - Planning Status

	Planning Authority name:	Cork County Council
A	Is planning permission required for development or proposed development to which the application relates?	Yes
B	If 'Yes', has planning permission been granted?	Yes
C	If planning permission is not required at A above, is the proposed development, if any, to which the application relates exempted development?	Not Applicable

If 'Yes' was answered to A and B, above, the following 'Planning Granted' table should be completed.

Table 14 - Planning granted

Planning File Reference Number:	21/04483 (Cork County Council)
Planning Appeal Reference Number (if relevant):	ABP-312229-21 (An Bord Pleanála)
Planning Authority Name / An Bord Pleanála:	Cork County Council/ An Bord Pleanála
Date of Planning Decision (Final Grant):	09/05/2022
Brief description:	<p>The Ballycotton Sewerage Scheme planning application (Ref 21/04483) was submitted to Cork County Council on behalf of Irish Water on 26/02/2021.</p> <p>The Ballycotton Sewerage Scheme planning application referred to above included the following components;</p> <ol style="list-style-type: none"> 1. A proposed Waste Water Treatment Plant (WWTP) with associated and ancillary development works including an access road, inlet works, tanks, kiosks, pumping stations and perimeter boundary fence. 2. Access track from Church Road (the L-3633) public road to the WWTP site. 3. A proposed gravity sewer to convey flows from Cliff Road to existing sewer at Atlantic Terrace

	<p>4. The Pier Pump Station (PS), a proposed underground pumping station and associated infrastructure at Ballycotton Pier, including an underground pump sump, underground storm water storage tank, kiosks, surge vessel and an adjacent temporary working area.</p> <p>5. A proposed rising main to convey flows from the Pier PS to a header manhole on Main Street.</p> <p>6. A proposed gravity sewer to convey flows from the header manhole to the existing gravity sewer on Main Street.</p> <p>7. A proposed gravity sewer to convey flows from the existing gravity sewer on Main Street to the proposed pump station at The Cow Slipway</p> <p>8. The Cow Pump Station (PS), a proposed underground pumping station with associated infrastructure at The Cow Slipway including an underground pump sump, underground storm water storage tank, kiosks, and surge vessel.</p> <p>9. A proposed rising main to convey flows from the proposed Cow PS, to the WWTP.</p> <p>10. A proposed gravity sewer to convey treated effluent from WWTP to existing outfall.</p> <p>11. Upgrade of the public watermain along public roads (Cliff Road and Main Street).</p> <p>12. Demolition of existing toilet block at Ballycotton Pier.</p> <p>13. Construction of new toilet block at Ballycotton Pier.</p> <p>14. All associated ancillary site development works above and below ground</p> <p>Cork County Council granted planning permission on 24/11/2021 subject to a schedule of conditions. Subsequently, three third party appeals were lodged with An Bord Pleanála in relation to the Ballycotton Sewerage Scheme (Ref ABP-312229-21). Planning permission was granted by An Bord Pleanála subject to certain conditions on 09/05/2022.</p>
<p>EIAR required with Planning Application?</p>	<p>No</p>
<p>Confirm that the supporting documentation is provided:</p>	<p>Yes, Refer to Attachment B.3 for supporting documentation.</p>

If 'Yes' was answered to A and 'No' was answered to B, above, the following Planning under Consideration table should be completed.

Table 15 - Planning under Consideration

Planning File Reference Number:	Not applicable.
Planning Appeal Reference Number (if relevant):	
Planning Authority Name / An Bord Pleanála:	
Date of application:	
Brief description:	
EIAR required with Planning Application?	
Confirm that the supporting documentation is provided:	

If 'No' was answered to A and 'Yes' was answered to C, the following Exempted Development table should be completed.

Table 16 - Exempted Development

Reason for exemption:	Not Applicable
-----------------------	----------------

B.3.2 Supporting documents

The document names for all supporting documentation should be provided in the following table.

Table 17 - Supporting Documents

	Document type	Document name
Planning granted	- planners letter confirming EIA is not required (if relevant)	Attachment B.3-1- ABP Planners Report April 2022 (section 8.3.3)
	- a copy of relevant grant of planning permission AND planners report	Attachment B.3.1 – An Bord Pleanála Inspector’s Report April 2022 Attachment B.3.2– An Bord Pleanála Board order May 2022 Attachment B.3.3 – Cork Co. Co planner’s report Nov 2021 Attachment B.3.4– Cork Co.Co. Grant of planning November 2021
Planning under consideration	- confirmation from a planning authority or An Bord Pleanála (as applicable) that an application for permission comprising or for the purposes of the waste water discharge to which the application relates, is currently under consideration by the planning authority concerned or An Bord Pleanála	Not Applicable
	- Planners letter confirming EIA not required (if relevant)	Not Applicable
Exempted development	- Planners letter confirming development is exempted or reference to the specific legislation for exemption	Not Applicable

B.4 Notices and Advertisements

This part of the form collects evidence of stakeholder engagement prior to making this application. The location of the site notice should be provided in the following table.

Table 18 - Site notice location

Grid co-ordinates (6E, 6N)	199130E	64191N
----------------------------	---------	--------

B.4.1 Supporting documents

The document names for all supporting documentation should be provided in the following table:

Table 19 - Names of Supporting Document(s) on Notices and Advertisements

Document type	Document name
Newspaper notice:	Attachment B.4.1: Newspaper Notice
Site notice:	Attachment B.4.2: Site Notice
Map of site notice location:	Attachment B.4.3: Site Notice Location
Water Services Authority notice:	Not Applicable
EIA Portal Confirmation notice:	Not Applicable

B.5 Preliminary examination/EIA Screening/EIAR

This part of the application form collects information in relation to EIA and the development /proposed development comprising or for the purposes of the waste water discharge.

Table 20 - EIA related information.

A	Having regard to B.3, is this application accompanied by an EIAR?	No
B	Is the application in respect of the waste water discharge from a waste water treatment plant with a capacity of greater than 10,000 population equivalents as defined in Article 2, point (6), of the Urban Water Treatment Directive	No
C	Are there other competent authorities conducting EIA for the development or proposed development to which this application relates?	No
D	If 'Yes' to C, provide the name of the competent authority and consent reference	Not Applicable

If the answer to either A or B is 'Yes', the EIAR must accompany the application.

B.5.1 Supporting documents

The names assigned to the documents should be provided in the following table:

Table 21 - Names of Supporting Document(s) on EIA

Document type	Document name
EIAR	Not applicable
Preliminary examination / EIA screening report	Attachment B.5 – EIA Screening Report February 2021

B.6. Compliance with EU Directives & National Regulations

This part of the application form collects details on compliance with relevant EU Directives and national Regulations.

B.6.1 Supporting document

The EPA template provided should be completed. The name assigned to the document should be provided in the following table:

Table 22 - Names of Supporting Document on Compliance with EU Directives and National Regulations

Document type	Document name
Compliance with EU Directives & National Regulations	Attachment B.6 - Compliance with EU Directives & National Regulations

B.7 Foreshore Act Licences.

This part of the application form collects information relating to Foreshore Act Licences where relevant.

Is Foreshore Act Licence required for development or proposed development the subject of this application?	Yes.
--	------

If yes, and the Foreshore Act Licence is relevant to this application, provide the following information:

Table 23 -Foreshore Act Licence

	Foreshore Act Licence Competent Authority name:	<i>The Minister for Industry and Commerce (Licence dated 1953)</i>
A	Has a Foreshore Act Licence being granted?	<i>Yes (for existing outfall)</i>
B	If no to A, is a Foreshore Act Licence application under consideration by the relevant competent authority?	<i>Not applicable - note; current application for new Foreshore licence for temporary works only to enable construction of the Pier PS (not related to WwTP or discharges)</i>
C	Was EIA carried out or will be carried out by the Foreshore Act Licence competent authority?	<i>No</i>
D	If 'Yes' to C, confirm that the same EIAR was submitted to Foreshore competent authority as accompanied this WWDA application:	<i>Not applicable</i>
E	If 'Yes' to A, provide: <ul style="list-style-type: none"> - Licence Reference Number; and - date of grant of consent: 	<ul style="list-style-type: none"> - <i>No reference number.</i> - <i>04/11/1953.</i>
G	If 'Yes' to B, provide application reference number	<i>Not available</i>

B.7.1 Supporting documents

The name(s) assigned to all supporting documentation should be provided in the following table:

Table B22 - Supporting documents

	Document type	Document name
If 'Yes' to A	Foreshore Act Licence:	Attachment B.7 - Ballycotton Outfall Foreshore Licence November 1953
If 'Yes' to C	Foreshore Act Licence report:	Not Applicable

B.8 Programme of Improvements

For licence review applications, provide information on current licence requirements with respect to specified improvement works (B.8.1) and Condition 5 improvement programme (B.8.2).

For all applications, provide information on planned improvements (B.8.3). Supporting information can be uploaded / attached to this part of the application form.

B.8.1 Specified Improvement Programme

In the case of a licence review are there specified improvement works in Schedule A and C of current licence?	Yes
---	-----

If 'Yes', the following table should be completed for each specified improvement works.

Table 23 - Schedule A & C Improvement Programme

Specified Improvement Programmes: (under Schedule A and C of WWDL)	Schedule C.1: Construct a new primary waste water treatment plant to include inlet screens and appropriately sized primary settlement capacity. Schedule C.2: Secondary Discharge point to be discontinued.
Date for completion of Improvement Programme in the licence:	31/12/2019
Has the date for completion expired? (Enter N, N/A or Y)	Y
Status of works: <i>e.g. (i) Not Started; (ii) At planning stage; (iii) Work ongoing on-site; (iv) Commissioning phase; (v) Completed; (vi) Delayed</i>	(iii) Work ongoing on-site
Irish Water's expected timeframe for completing the work	Q4, 2024
Comments: Not Applicable	

B.8.2 Condition 5 Improvement programme

Provide details of the Condition 5 improvement programme by completing the following table:

Table 24 - Condition 5 Improvement Programme

Improvement identifier:	Irish Water’s Untreated Agglomerations Study Design Report, Ballycotton, Co. Cork
Improvement description:	Provision of 1082PE capacity waste water treatment plant to provide primary treatment for agglomeration of Ballycotton. Discontinuation of untreated discharges.
Improvement source: <i>(e.g. WWTP assessment, Sewer assessments, Secondary discharges assessment SWO assessment, Drinking Water Abstraction Risk Assessment, Shellfish Impact Risk Assessment, Pearl Mussel Impact Assessment, Improved Operational Control, Incident Reduction, Elimination/Reduction of Priority Substances, Process Optimisation)</i>	WWTP assessment Secondary discharges assessment
Status of works:	Design
Expected Completion date:	Q4 2024
Comments: Not Applicable	

B.8.3 Planned programme of improvements

Provide information on planned programme of improvements by completing the following table:

Table 25 -Planned Programme of Improvements

Waste water discharge reference code:	SW004 SW005; SW006; SW007
Type: <i>(primary discharge / secondary discharge/ storm water overflow)</i>	SW004; Primary discharge; SW005; WwTP dual function stormwater/emergency overflow SW006; Pier pumping station dual function stormwater/emergency overflow SW007; Cow pumping station dual function stormwater/emergency overflow

<p>Improvement works description:</p>	<p>Please refer to Attachment B.8 – Improvement Programme;</p> <p>Provision of a primary wastewater treatment plant (primary discharge code; SW004)</p> <p>Provision of 2 new pumping stations (SW005 & SW007)</p> <p>The existing secondary discharge (SW002) will be discontinued, and outfall will serve as the dual function stormwater/ emergency overflow for the Pier pumping station (SW006).</p>
<p>Expected completion date:</p>	<p>Q4 2024</p>
<p>Planning status: (grant of permission / exempted development)</p>	<p>Grant of permission.</p>
<p>Prioritised for funding:</p>	<p>Yes</p>

B.8.4 Supporting documents

Attachment B8 should be submitted in accordance with the Guidance Document as supporting information and the name assigned to it provided in the following table:

Table 26 - Supporting documents

Document type	Document name
Improvement programme	Attachment B.8 – Improvement Programme

B.9 Fees

State the appropriate fee as per Columns 2 or 3 of the Third Schedule of the European Union (Waste Water Discharge) Regulations 2007 to 2020.

Table 27 - Fee

Class of Waste Water Discharge		Fee accompanying application / review application (in €)
Discharges from agglomerations with a population equivalent of:	<i>(tick [✓] one as appropriate)</i>	
- more than 10,000		€12,000
- 2,001 to 10,000		
- 1,001 to 2,000	✓	
- 500 to 1,000		
- less than 500		

SECTION C: DISCHARGES & MONITORING

C.1. Discharges & Monitoring

The Discharges & Monitoring template should be downloaded from the EPA website (www.epa.ie), completed and submitted in accordance with the Guidance Document.

C.1.1 Supporting document

Attachment C.1 should be submitted in accordance with the Guidance Document as supporting information and the name assigned to it provided in the following table:

Table 28 - Discharges & Monitoring

Document type	Document name
Discharges & Monitoring	Attachment C.1: Discharge and Monitoring

C.2. Measures to Prevent Unintended Discharges

Existing and proposed measures should be identified in the table below. Additional measures may be added to this table as required.

Table 29 -Prevention Measures & Monitoring

Measures to prevent unintended discharges	Existing (Y/N)	Proposed (Y/N)	Applicability	Surveillance measure
Accident prevention procedure:	N	Y	WWTP & Network	<p><u>Pumping Stations</u> Ultrasonic level sensors will be provided in the overflow chambers and pump sumps. These will be the main level controllers for the associated equipment.</p> <p>High level and low-level float switches will be installed in the overflow chamber and pump sump as back-up to the ultrasonic level sensors.</p> <p>All pumps will be in a duty / standby arrangement in case of</p>

				<p>malfunction / maintenance operations.</p> <p>Holding tanks will be provided at each pumping station to store flows in excess of the pumping capacity with stormwater returning to the pump sump when a reduction in the inlet flow allows.</p> <p>The holding tanks will also store 24 hours x DWF in the event of pumping system failure, allowing time for repairs to be carried out.</p> <p>All overflows from the pumping stations will be screened.</p> <p><u>Waste Water Treatment Plant</u> A bypass mechanical screen will be provided at the inlet works. This will be used in the event of main screen failure.</p> <p>Duty/standby pumps will be installed in all pump sumps.</p> <p>A buffer tank will be provided to accommodate flows in excess of flows for treatment. The stored liquid will be returned to the treatment stream once inlet flows reduce sufficiently.</p> <p>Any overflows from the WWTP will be screened through fine screens prior to discharge.</p>
Emergency Response Plan and Procedures:	N	Y	WwTP & Network	<p>Alarms for pumps and level controllers in PS and WwTP to be fed to SCADA with alarms sent to operators. 24 emergency storage is provided at both PSs to allow sufficient operator response time.</p>

				<p>A SCADA and telemetry system will be provided for external monitoring of WwTP processes/operations. This system will be linked to the Irish Water SCADA system via the WwTP SCADA system and will provide text alert alarms to the relevant maintenance and operations personnel in the event of an emergency. The telemetry / SCADA support system shall monitor the operation of the facilities including:</p> <ul style="list-style-type: none"> o Mains power failure o Available/Run/Trip status for all electrical equipment o Water levels in the pump sumps and storage tanks o Status for all level switches o Instantaneous flow in the rising main (inlet to WwTP) o Instantaneous flow from the WwTP to Ballycotton Bay (i.e. treated effluent flow) o Totalised flows o UPS Fault/Healthy Status o Ultrasonic level sensors will be provided in the inlets/overflow chambers and pump sumps. These will be the main level controllers for the associated equipment. o High level and low-level float switches will be installed in the inlet/overflow chamber and pump sump as back-up to the ultrasonic level sensors.
Waste water treatment plant				
Measures to prevent	Existing (Y/N)	Proposed (Y/N)	Applicability	Surveillance measure

unintended discharges				
Alarms / telemetry on waste water treatment plant:	N	Y	WwTP	<p>In the event of malfunction at the WwTP, the following features have been included in the design to mitigate the risk associated with potential malfunction/failure.</p> <p>A SCADA and telemetry system will be provided for external monitoring of WwTP processes/operations. This system will be linked to the Irish Water SCADA system via the WwTP SCADA system and will provide text alert alarms to the relevant maintenance and operations personnel in the event of an emergency. The telemetry / SCADA support system shall monitor the operation of the facilities including:</p> <ul style="list-style-type: none"> o Mains power failure o Available/Run/Trip status for all electrical equipment o Water levels in the pump sumps and storage tanks o Status for all level switches o Instantaneous flow in the rising main (inlet to WwTP) o Instantaneous flow from the WWTP to Ballycotton Bay (i.e. treated effluent flow) o Totalised flows o UPS Fault/Healthy Status o Ultrasonic level sensors will be provided in the inlets/overflow chambers and pump sumps. These will be the main level controllers for the associated equipment. o High level and low-level float switches will be installed in the

				inlet/overflow chamber and pump sump as back-up to the ultrasonic level sensors.
Standby pumps at waste water treatment plant:	N	Y	WwTP	All pumps will be in a duty/standby arrangement in case of malfunction/maintenance operations with automatic switch over.
Standby equipment or provisions in the event of interruption of the power supply such as a portable generator or equipment with automatic switchover:	N	Y	WwTP	The WwTP and PS's have been designed so that the power requirements can readily be served by a mobile generator. In the event of power failure, a mobile generator will be brought to site. A facility for the connection of a mobile generator, in the event of mains electrical power failure, has been incorporated into the design. A standby generator changeover facility is included in the control panel design. A bypass screen will be provided at the inlet works as standby in the event of the main screen failure.
Storage capacity at intake to the waste water treatment plant (SWO tank):	N	Y	WwTP	The WWTP will include a 127m ³ buffer tank which will provide emergency of wastewater storage if required. Should the 127m ³ buffer tank fill before the malfunction has been resolved, excess flows will be screened before discharging to Ballycotton Bay.
Groundwater monitoring:	N	N	-	Not applicable
Network				
Measures to prevent unintended discharges	Existing (Y/N)	Proposed (Y/N)	Applicability	Surveillance measure

Alarms / telemetry on pumping stations:	N	Y	Network PS	Alarms for pump and level in PS to be fed to SCADA with alarms sent to operators
Alarms / telemetry on emergency overflows:	N	Y	Network PS	High level alarm
Standby pumps at pumping stations:	N	Y	Network PS	All pumps will be in a duty/standby arrangement in case of malfunction/maintenance operations with automatic switch over.
Standby equipment or provisions in the event of interruption of the power supply:	N	Y	Network PS	In the event of a mains electrical power failure, an alarm will be sent to the operations staff. A mobile generator will be brought to site and used to power the pumping station. 24 hour emergency storage will be provided at the pumping stations.
Storage capacity at pump stations:	N	Y	Network PS	65m ³ of storage capacity will be provided at The Pier Pumping station. 105m ³ of storage capacity will be provided at The Cow Pumping station.
Monitoring telemetry on SWOs:	N	Y	Network PS	High level alarm
Additional measures:	N	N	-	Not applicable

C.2.1 Supporting documents

Attachment C2 should be submitted (in accordance with the Guidance Document) as supporting information and the name assigned to it provided in the following table:

Table 30 - Supporting documents

Document type	Document name
---------------	---------------

Measures to prevent
unintended discharges

Attachment C.2: Measures to Prevent Unintended Discharges

SECTION D: IMPACT ASSESSMENT

D.1. Receiving Waters

Complete the tables, below, as appropriate, for primary discharge, secondary discharge and storm water overflow(s) (SWO).

Table 31 - Receiving waters of Primary Discharge

Type (river, lake, groundwater, coastal, transitional):	Coastal
Name and WFD reference:	Ballycotton Bay IE_SW_040-0000
WFD Risk:	Not at risk
WFD Status & year:	Good (2013-2018 & 2016-2021)
WFD Objective & timeframe for achievement:	Expected Good Status (2027)
Is the agglomeration identified as a significant pressure?	No
Has the discharges contributed to a deterioration in the quality of the water body?	No
Protected areas in the vicinity of the discharges:	<p>There are SPAs and SACs within a 15km radius of the proposed sewerage scheme. These are as follows:</p> <ul style="list-style-type: none"> • Ballycotton Bay Special Protection Area (SPA 004022) located within 50m of the subject site. • Ballymacoda Bay Special Protection Area (SPA 004023) located over 9km from the subject site. • Ballymacoda Bay Special Area of Conservation (SAC 000077) located over 9km from the subject site. • Cork Harbour Special Protection Area (SPA 004030) located over 13km from the subject site. • Great Island Channel Special Area of Conservation (SAC 001058) located over 14km from the subject site. <p>There are no designated nutrient sensitive areas or candidate nutrient sensitive areas under the Urban Waste Water Treatment Regulations, 2001, as amended.</p>

	<p>The nearest designated bathing waters are at Garryvoe approximately 2.5km north of the proposed works area.</p> <p>Cork County Council has taken a total of 8no samples at Garryvoe beach during the 2022 bathing season. Of these, 7no samples were noted as being ‘excellent’ while the remaining 1no sample was determined to be ‘good’.</p> <p>The nearest designated shellfish area is at Ballymacoda Bay located over 9km from the subject site.</p>										
<p>Are there drinking water abstraction points downstream of waste water discharge points?</p>	<p>No</p>										
<p>European sites hydrologically connected:</p>	<p>Of the five sites listed above as being within 15km of the subject site, the nearest hydrologically connected designated site is Ballycotton Bay Special Protection Area (SPA 004022) which is located within 70m of the WwTP primary discharge point (SW004).</p> <p>As stated in the Site Synopsis for SPA 004022, <i>“The inter tidal flats provide the main feeding habitat for the wintering birds. Salt marshes fringe the flats in the sheltered inlets and these provide high tides roosts”</i></p> <p>The proposed development will not result in any loss of habitat within SPA 004022. Nor will it have any significant impact on the availability of open ground on which wading birds could roost at high tide. It is considered that significant impacts on the Features of Interests of the SPA arising from habitat loss can be screened out.</p> <p>Please refer to Attachment D.2.2 for AA Screening October 2022.</p>										
<p>Trophic status of transitional / coastal waters:</p>	<table border="1"> <thead> <tr> <th data-bbox="663 1659 820 1899">Waterbody Name</th> <th data-bbox="820 1659 956 1899">WFD Code</th> <th data-bbox="956 1659 1123 1899">Waterbody Type</th> <th data-bbox="1123 1659 1259 1899">WFD Status ((2013-2018)) & (2016-2021))</th> <th data-bbox="1259 1659 1406 1899">Trophic Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="663 1899 820 1984">Ballycotton Bay</td> <td data-bbox="820 1899 956 1984">IE_SW_040_0000</td> <td data-bbox="956 1899 1123 1984">Coastal</td> <td data-bbox="1123 1899 1259 1984">Good</td> <td data-bbox="1259 1899 1406 1984">Unpolluted</td> </tr> </tbody> </table>	Waterbody Name	WFD Code	Waterbody Type	WFD Status ((2013-2018)) & (2016-2021))	Trophic Status	Ballycotton Bay	IE_SW_040_0000	Coastal	Good	Unpolluted
Waterbody Name	WFD Code	Waterbody Type	WFD Status ((2013-2018)) & (2016-2021))	Trophic Status							
Ballycotton Bay	IE_SW_040_0000	Coastal	Good	Unpolluted							

Is there a groundwater protection scheme in place or to be provided in the vicinity of such discharge?	No				
Status of adjacent waterbodies: (e.g. upstream and downstream of the receiving waterbody)	Waterbody Name	WFD Code	Waterbody Type	WFD Status ((2013-2018)) & (2016-2021))	Trophic Status
	Youghal Bay	IE_SW_020_0000	Coastal	Moderate	Intermediate
	Western Celtic Sea	IE_SW_010_0000	Coastal	High	Unpolluted
95%ile River Flow upstream of primary discharge point: (if applicable)	Not applicable – Coastal Waterbody				
Receiving water monitoring stations: (code and distance from primary discharge point)	Receiving Water Monitoring Points (EPA TraC points)	Waterbody Name	Distance From Discharge (Sw004)	Coordinates (ING)	
	CW05003148 BT1001	Ballycotton Bay	Approx 800m	E: 200015.01 N: 063895.79	

Table 32 - Receiving waters of secondary discharges –

Not Applicable – no proposed secondary discharges and existing discharge to be discontinued under proposed development

Type (freshwater, lake etc.)	Not Applicable
Name and WFD Ref.	Not Applicable
WFD Risk	Not Applicable
WFD Status (year)	Not Applicable
WFD Objective (year)	Not Applicable
Is the agglomeration identified as a significant pressure?	Not Applicable

Have the discharges contributed to a deterioration in the quality of the water body?	Not Applicable
Protected areas downstream	Not Applicable
Are there drinking water abstraction points downstream of waste water discharge points?	Not Applicable
European sites hydrologically connected	Not Applicable
Trophic status of transitional / coastal waters	
Is there a groundwater protection scheme in place or to be provided in the vicinity of such discharge?	Not Applicable
Status of adjacent waterbodies (e.g. upstream and downstream of the receiving waterbody)	Not Applicable
95%ile River Flow upstream of secondary discharge point (if applicable)	Not Applicable
Receiving water monitoring stations upstream and downstream (code and distance from secondary discharge point)	Not Applicable

Table 33- Receiving waters of discharges from SWOs (All three SWO's listed below are dual function emergency / stormwater overflows)

Receiving Waters name and code	WFD status	No. of compliant SWOs ¹	No. of SWOs under assessment or remediation	Is the SWOs identified as a significant pressure?	WFD objective and date
Ballycotton Bay IE_SW_040_0000	Good	3	0	No	Good status (2027)

¹ Compliant with DoECLG criteria set out in 'Procedures and Criteria in Relation to Storm Water Overflows'.

Table 34 - Ambient monitoring – monitoring point

EDEN Code (where applicable):	CW05003148BT1001
Licence Code:	amSW4

Monitoring Location:	200015E	063896N
Point Type:	Coastal Investigative Monitoring Station	
Name of Receiving Water	Ballycotton Bay	

Table 35 - Ambient Monitoring –monitoring results [Data below is based on chemistry monitoring data for Ballycotton Bay (Station CW05003148BT1001). Data was downloaded from Catchments.ie 31/05/22] – refer to Attachment D.1. for ambient water quality results.

Parameter	pH	BOD (mg/l)	Orthophosphate (mg/l)	Total Ammonia (mg/l)	E.Coli No/100ml	Dissolved Oxygen (% Saturated)	Dissolved Inorganic Nitrogen (DIN) (mg/l)	Temperature (°C)
Number of Samples	6	5		6	4	6	6	6
Max result	8.2	3.3	0.025	0.041	602	107.7	1.6	17.1
Min result	7.9	0.5	0.025	0.0175	5	97.3	0.018	11.1
Average result	8.06	1.34	0.025	0.021	55.75	102	0.44	13.4
95%ile Value		2.92						
Mean EQS as per S.I. No. 77/2019*		NA for coastal water	NA for coastal water	NA for coastal water			≤1.425 (median value)**	
95%ile EQS as per S.I. No. 77/2019*		NA for coastal water	NA for coastal water	NA for coastal water		Good status Lower limit 70-80%	NA	
Overall compliance with relevant EQS*		NA for coastal water	NA for coastal water	NA for coastal water		Yes	Yes	

*Mean High status under S.I. No. 77 of 2019

**In the absence of salinity levels in Ballycotton Bay, the average median DIN EQS has been given in accordance with S.I. No. 77 of 2019.

Note: Where data was reported as less than the limit of detection, LOD/2 was applied

Table 36 - Ambient monitoring results – downstream - [See table 34 above](#) – Discharges are coastal

EDEN Code (where applicable):	Not Applicable	
Licence Code:	Not Applicable	
Monitoring Location:	Not Applicable	Not Applicable
Point Type:	Not Applicable	
Name of Receiving Water	Not Applicable	

Table 37 - Ambient Monitoring – downstream monitoring results – [refer to table 35](#)

Parameter	pH	BOD (mg/l)	Orthophosphate (mg/l)	Total Ammonia (mg/l)	Dissolved Oxygen (% Saturated)	Total Nitrogen (mg/l)	Temperature (°C)
Number of Samples							
Max result							
Min result							
Average result							
Mean EQS as per S.I. No. 77/2019*							
Overall compliance with relevant EQS*							

Table 38 - Proposed Receiving Water Monitoring

Proposed monitoring will be as per licence requirements and in line with EPA Transitional and Coastal (TraC) monitoring. Ambient monitoring for Ballycotton Bay is provided by EPA and available on www.catchments.ie also.

EDEN Code (where applicable)	Licence Code	Monitoring Location				Point Type	Name of Receiving Water
CW05003148BT1001	amSW4	200015	E	063896	N	Coastal Investigative Monitoring Station	Ballycotton Bay

Table 39 - Proposed Monitoring Regime

Parameter	Units	Monitoring Frequency	Analysis method/Technique
As per EPA TraC monitoring	As per EPA TraC monitoring	As per EPA TraC monitoring	As per EPA TraC monitoring

D.2 Assessment of impact on receiving waters

This part of the application form collects reports on the assessment of the impact of existing and proposed waste water discharges on the environment including any environmental medium other than that into which the discharges take place or are to take place. The impact assessment reports address at least the impact on the quality of receiving waters (surface water or groundwater) and may, as appropriate, address European sites.

Where a Natura Impact Statement (NIS) does not accompany the application, you are required to provide an Appropriate Assessment (AA) screening report.

Is this application accompanied by an NIS?	No
--	----

D.2.1 Supporting document

The impact Assessment Report should be submitted (as Attachment D2) in accordance with the guidance and the name assigned to the attachment(s) provided in the table below.

Table 40 - Assessment Reports.

Document type	Document name
Impact assessment report	Attachment D.2.1 - Impact Assessment Report
Natura Impact Statement	Not Applicable
AA screening report	Attachment D.2.2 – AA Screening October 2022
Outfall Longitudinal Section	Attachment D.2.3 – Outfall Longitudinal Section

D.3 Closing Remarks

This part of the application form is a short statement summarising the environmental outcome of your application and assessment.

State the environmental outcome of your application and assessment and reasons for same:

<p>Answer here:</p> <p>The objective of the Ballycotton Sewerage Scheme project is to end the practice of discharging untreated wastewater into Ballycotton Bay. The scheme will ensure that the emissions from the agglomeration will be in accordance with the Waste Water Discharge (Authorisation) Regulations (S.I. No. 684 of 2007) (now S.I. No. 214 of 2020) and will comply with all other EU Directives and National Regulations. The WwTP has been designed to operate in compliance with existing legislative and regulatory standards (primary treatment provided).</p>
--

The Ballycotton Sewerage Scheme will meet the schedule improvement programme set out in the current Waste Water Discharge Licence (WWDL) - Licence Register Number: D0516-01 by providing 'a new primary waste water treatment plant to include inlet screens and appropriately sized primary settlement capacity' and by discontinuing the discharge from the secondary point (identified as SW002 in the existing licence D0516-01) which will be reused as a dual function pumping station emergency overflow/stormwater overflow (new code SW006).

The emission limits proposed for the treated urban wastewater are in accordance with the combined approach, in that they accommodate the Urban Waste Water Regulations and the status of the receiving waterbody. The proposed standards for the primary discharge will not prevent the receiving water from meeting the WFD Objectives of the receiving Waterbody.

As demonstrated in the Impact Assessment Report (Attachment D.2.1), the primary discharge point (SW004) will discharge to Ballycotton Bay below the low water (MLWS) level and will allow for adequate dilution in the receiving waters.

Based on the information provided in the Impact Assessment Report (attachment D.2.1), and the conclusions of the AA Screening Report (Attachment D.2.2) and EIA Screening Report (Attachment B.5) it is considered that the operational discharges from the Ballycotton agglomeration will have no significant negative effects on the receiving aquatic environment, alone or in combination with other plans and projects and will in fact reduce the pollutant loads to Ballycotton Bay.

In summary, Irish Water is committed to ensuring that the Ballycotton WwTP operates in a manner that supports the achievement of the water body objectives under the Water Framework Directive, and their obligations under the Birds and Habitats Directives and all applicable Directives and National Regulations.

SECTION E: DECLARATION

E.1. Declaration

The Signed Declaration template should be downloaded from the EPA website (www.epa.ie), completed and submitted in accordance with the Guidance Document.

E.1.1 Supporting documentation

The name assigned to the Signed Declaration document should be provided in the following table:

Table 41 - Signed Declaration document name

Document type	Document name
Declaration	Attachment E.1 – Signed Declaration

END