



Waste Water Discharge Authorisation

Attachment B6 – Compliance with EU Directives & National Regulations

Applicant Name:*

Irish Water – Cork Lower Harbour

Application I.D.:*

D0057

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SECTION B: GENERAL

B.6. Compliance with EU Directives / National Regulations

Table B.6(a) – Confirmation of relevance and compliance with EU Directives and National Regulations

The Cork Lower Harbour WwTW have been designed to ensure that the emissions from the agglomeration will comply with, and will not result in the contravention of, EU Directives and National Regulations. The new WwTP has been designed to operate in compliance with existing legislative and regulatory standards (secondary treatment provided). The new WwTP and network works will end the practice of discharging untreated primary wastewater discharges into Cork Harbour which will improve the water quality of the harbour and help ensure environmental compliance.

Legislation (National and EU)	Confirm relevance (Yes/No)	Compliant with requirements (Yes/No)	Section of application / attachments which provides relevant details of compliance
Urban Waste Water Treatment Directive 91/271/EEC	Yes	Yes	<p>The ultimate design of the WwTP is greater than 15,000 p.e. and therefore in line Article 4 of the directive, “Member States shall ensure that urban waste water entering a collecting system shall before discharge be subject to secondary treatment or an equivalent treatment [...] for all discharges from agglomerations of more than 15,000 pe”.</p> <p>Prior to the new Shanbally WwTP, there was no wastewater treatment plant in place – the new Shanbally WwTP provides secondary treatment.</p> <p>Refer to:</p> <ul style="list-style-type: none"> Section B.2.1 & B.2.2 & attachment B.2.8 for details on the Waste Water Works and associated Waste Water Treatment Plant Section B.8: Improvement Programme Attachment C.1.1: Discharges and Monitoring for info on proposed monitoring and for information on SWOs Section C.2: Measures to Prevent Unintended Discharges Section D: Impact Assessment

Legislation (National and EU)	Confirm relevance (Yes/No)	Compliant with requirements (Yes/No)	Section of application / attachments which provides relevant details of compliance
Urban Waste Water Treatment Regulations, 2001 as amended	Yes	Yes	<p>Refer to:</p> <ul style="list-style-type: none"> • Section B.2.1, B.2.2 and attachment B.2.8 - Waste Water Works and associated Waste Water Treatment Plant – for further information on how the WwTW design complies with the UWW treatment regs. • Attachment B.8: Improvement Programme – to info on works completed as part the project • Attachment C.1.1: Discharges and Monitoring • Attachment C.2: Measures to Prevent Unintended Discharges • Section D: Impact Assessment including associated attachments (D.2.1 & D.2.2) for information on compliance with second schedule Part 2 Urban Waste Water Treatment Regulations (Cork Harbour and Outer Cork Harbour are not listed as sensitive areas)
Water Framework Directive 2000/60/EC	Yes	Yes	<p>Wastewater secondary treatment is provided. The operation of the WwTP at the proposed ELVs will result in an improved wastewater discharge to the receiving waterbody (Cork Harbour) and will aid in the waterbody meeting its WFD Objective (Good status by 2027)</p> <p>For information on any WwTP details, assessments including priority substance assessment refer to:</p> <ul style="list-style-type: none"> • Section B.2.2: Waste Water Works and associated Waste Water Treatment Plant • Section D1 & D2 for info on receiving water body, objectives and impact assessment (D2) • Attachment D.2.1: Impact Assessment Report

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Legislation (National and EU)	Confirm relevance (Yes/No)	Compliant with requirements (Yes/No)	Section of application / attachments which provides relevant details of compliance
			<ul style="list-style-type: none"> Attachment D.2.2 CLH Water Quality modelling Report Attachment D.2.4: Priority Substance Assessment
European Communities Environmental Objectives (Surface Waters) Regulations 2009 as amended	Yes	Yes	<p>For information on receiving waters, ambient monitoring data and stations and EPA TSAS as well as assessments refer to:</p> <ul style="list-style-type: none"> Section D1 & D2 for info on receiving water body, objectives and impact assessment (Section D2) Attachment D.2.1: Impact Assessment Report Attachment D.2.2 CLH Water Quality modelling Report Attachment D.2.3 AAS Attachment D.2.4: Priority Substance Assessment D.2.7 TSAS report and ambient monitoring data
European Communities Environmental Objectives (Freshwater Pearl Mussel) Regulations 2009	Yes	Yes	Not Applicable – Discharge is to coastal waters
Drinking Water Directive 80/778/EEC	No	No	Not applicable – Coastal Water Discharge - No designated drinking waterbodies abstraction points downstream of the discharge.
Bathing Water Directive 76/160/EEC	Yes	Yes	<p>Refer to</p> <ul style="list-style-type: none"> Section D.1 : Receiving Waters Attachment D.2.1: Impact Assessment Report Attachment D.2.2 Water Quality Modelling Report
Bathing Water Quality Regulations 2008	Yes	Yes	See above
Groundwater Directives 80/68/EEC & 2006/118/EC	No	Not applicable	Not applicable. No discharge to groundwater.
European Communities Environmental Objectives (Groundwater) Regulations 2010 as amended	No	Not applicable	Not applicable. No discharge to groundwater.

Legislation (National and EU)	Confirm relevance (Yes/No)	Compliant with requirements (Yes/No)	Section of application / attachments which provides relevant details of compliance
Birds Directive 79/409/EEC, Habitats Directive 92/43/EEC and European Communities (Birds and Natural Habitats) Regulations 2011 as amended	Yes	Yes	An AA Screening has been prepared by IW to inform this WWDL review process and it has concluded that the operational discharges from the Cork Lower Harbour agglomeration are not likely to have significant effects on any European sites having regard to their conservation objectives. Refer to: <ul style="list-style-type: none"> Attachment D.2.3: AA Screening Report
Environmental Impact Assessment Directive 2011/92/EU, as amended by Directive 2014/52/EU	Yes	Yes	Refer to: <ul style="list-style-type: none"> Attachment B.5: EIS February 2008
Marine Strategy Framework Directive 2008/56/EC	Yes	Yes	Refer to: <ul style="list-style-type: none"> Attachment D.2.2 Water Quality Modelling Report

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