



ATTACHMENT B.6:

**COMPLIANCE WITH EU DIRECTIVES &
NATIONAL REGULATIONS**



Waste Water Discharge Authorisation

Attachment B6 – Compliance with EU Directives & National Regulations

Applicant Name:*

Uisce Éireann- Coachford

Application I.D.:*

D0427

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

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 2022 collected load is less than 2,000 and therefore in line with the Urban Waste Water Treatment Directive “appropriate” treatment applies to the agglomeration.</p> <p>The upgraded WwTP provides secondary treatment with Phosphorous removal.</p> <p>Refer to:</p> <ul style="list-style-type: none"> • Section B.2.2 for details on the Waste Water Works and associated Waste Water Treatment Plant • Section B.8: Improvement Programme • Attachment C.1: Discharges and Monitoring • Section C.2: Measures to Prevent Unintended Discharges • Section D: Impact Assessment,
Urban Waste Water Treatment Regulations, 2001 as amended	Yes	Yes	<p>The Inniscarra Reservoir is not listed as Sensitive in Parts 1 and 2 of the Urban Wastewater Treatment Regulations and consequently Nitrogen and Phosphorous reduction does not form a requirement of the Urban Waste Water Treatment Regulations, 2001 with regards to the Coachford primary discharge. Nevertheless, chemical dosing for phosphorous removal is included.</p> <p>Refer to:</p> <ul style="list-style-type: none"> • Section B.2.2: Waste Water Works and associated Waste Water Treatment Plant • Section B.8: Improvement Programme • Attachment C.1: Discharges and Monitoring • Section C.2: Measures to Prevent Unintended Discharges • Section D: Impact Assessment
Water Framework Directive 2000/60/EC	Yes	Yes	<p>The proposed ELVs/effluent standards have been set by Uisce Éireann (UÉ) to ensure that the operational discharges from the Coachford agglomeration contributes towards the WFD objective of the Inniscarra Reservoir achieving at least Good Status in</p>

Legislation (National and EU)	Confirm relevance (Yes/No)	Compliant with requirements (Yes/No)	Section of application / attachments which provides relevant details of compliance
			<p>accordance with the European Union Environmental Objectives (Surface Waters) (Amendment) Regulations 2019 (S.I. No. 77 of 2019) by 2027.</p> <p>In terms of priority substances, it was concluded in the Priority Substance Assessment Report that that none of the substances listed in the Specific Pollutants, Priority and Priority Hazardous Substances as outlined in the Surface Water Regulations, are likely to be present in the primary discharge effluent (SW001) to the Inniscarra Reservoir, at concentrations above the specified standards as per European Communities Environmental Objectives (Surface Waters) Regulations 2009, as amended (now S.I No. 77 of 2019).</p> <p>Refer to:</p> <ul style="list-style-type: none"> • Section B.2.2: Waste Water Works and associated Waste Water Treatment Plant • Attachment D.2.1: Impact Assessment Report, December 2023 • Attachment D.2.3: Dispersion Modelling Report, December 2023 • Attachment D.2.4: Priority Substance Assessment, November 2023
European Communities Environmental Objectives (Surface Waters) Regulations 2009 as amended	Yes	Yes	<p>See above & refer to:</p> <ul style="list-style-type: none"> • Section B.2.2: Waste Water Works and associated Waste Water Treatment Plant • Attachment D.2.3: Dispersion Modelling Report, December 2023 • Attachment D.2.4: Priority Substance Assessment, November 2023
European Communities Environmental Objectives (Freshwater Pearl Mussel) Regulations 2009	Yes	Yes	<p>The River Lee, which drains Inniscarra Reservoir, is a <i>Margaritifera margaritifera</i> pearl mussel site. The National Parks and Wildlife Service (NPWS) were consulted with in relation to the status of the Freshwater Pearl Mussel (<i>Margaritifera margaritifera</i>) during the EPA’s determination of the WWDL in 2015. It was concluded that “Good” WFD status is required to protect the Pearl Mussel. The completed upgraded WwTP will satisfy all relevant regulatory requirements and the WwTP will be operated in line with the current EPA WWDL conditions. By applying the current EPA conditioned ELVs no significant impact on water quality in Inniscarra Reservoir as a result of the</p>

Legislation (National and EU)	Confirm relevance (Yes/No)	Compliant with requirements (Yes/No)	Section of application / attachments which provides relevant details of compliance
			<p>discharge from Coachford WwTP following mixing is anticipated. Adhering to these limits will contribute towards the receiving water maintaining its “Good” current WFD status. This will ensure the protection of any downstream Freshwater Pearl Mussel populations.</p> <p>Refer to:</p> <ul style="list-style-type: none"> • Attachment D.2.1: Impact Assessment Report, December 2023 • Attachment D.2.3: Dispersion Modelling Report, December 2023
Drinking Water Directive 80/778/EEC	Yes	Yes	<p>There are two drinking water abstraction points downstream of the operational discharges. These include 04000PUB1001 for the Lee Road Water Treatment Plant and 0500PUB3401 for the Inniscarra Water Treatment Plant. The 0400PUB1001 abstraction point is ca. 9.3km downstream of the primary discharge location and 0500PUB3401 is located ca. 9.7km downstream.</p> <p>Based on the Drinking Water Risk Assessment completed to inform this licence review, the overall risk from the Coachford agglomeration operational discharges can be classified as ‘Low Risk’. Drinking water quality is unlikely to be impacted during normal and abnormal operational conditions. This has been based on the high level of dilution in the receiving waterbody, the level of treatment and unintended discharges prevention measures at the new WwTP, the design and operation of the overflows, and the distance to the downstream abstraction points.</p> <p>Refer to:</p> <ul style="list-style-type: none"> • Section B.2.2: Waste Water Works and associated Waste Water Treatment Plant • Attachment D.2.1: Impact Assessment Report, December 2023 • Attachment D.2.3: Dispersion Modelling Report, December 2023 • Attachment D.2.4: Priority Substance Assessment, November 2023 • Attachment D.2.5: Drinking Water Risk Assessment Report, December 2023

Legislation (National and EU)	Confirm relevance (Yes/No)	Compliant with requirements (Yes/No)	Section of application / attachments which provides relevant details of compliance
Bathing Water Directive 76/160/EEC	No	Not applicable	Not applicable. There are no designated bathing waters within the vicinity of the discharge.
Bathing Water Quality Regulations 2008	No	Not applicable	Not applicable. There are no designated bathing waters within the vicinity of the discharge.
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.
European Communities (Quality of Salmonid Waters) Regulations 1988	Yes	Yes	<p>The Inniscarra Reservoir intersects the Lee River which is a WFD Designated Salmonid Waters under S.I. No. 293/1988. A proposed ELV/effluent design standard of 25 mg/l for Total Suspended Solids and Ammonia of 6.5mg/l have therefore been set in keeping with the protection required under the WFD for salmonid waters.</p> <p>Refer to:</p> <ul style="list-style-type: none"> Attachment D.2.1: Impact Assessment Report, December 2023
Birds Directive 79/409/EEC, Habitats Directive 92/43/EEC and European Communities (Birds and Natural Habitats) Regulations 2011 as amended	Yes	Yes	<p>There are no European sites immediately downstream of the operational discharges. The Cork Harbour SPA is <i>ca.</i> 30.2km downstream of the discharge location <i>via</i> the River Lee. The Great Island Channel SAC is <i>ca.</i> 34.8km downstream <i>via</i> the River Lee.</p> <p>The Gearagh SPA (Site Code: 004109) and The Gearagh SAC (Site Code:000108) are the closest European sites to the Coachford agglomerations operational discharge location. These sites are located <i>ca.</i> 16.9km and 15.6km upstream of the agglomeration, respectively (<i>via</i> the River Lee (incl. Inniscarra and Carrigadrohid Reservoirs)).</p> <p>An Appropriate Assessment (AA) Screening of the operational discharges assessed whether the discharge activity, alone or in combination with other plans and projects, are likely to have significant effects on any European Sites in view of best scientific knowledge and the conservation objectives of the sites. On the basis of the information set out in the AA Screening, and documentation referenced therein, the likelihood of significant effects to Cork Harbour SPA, Great Island Channel SAC, The Gearagh SAC and The</p>

Legislation (National and EU)	Confirm relevance (Yes/No)	Compliant with requirements (Yes/No)	Section of application / attachments which provides relevant details of compliance
			Gearagh SPA, and any other European Sites, can be excluded, and a Stage Two Appropriate Assessment is not required.) Refer to: <ul style="list-style-type: none"> • Attachment D.2.2: AA Screening Report, December 2023.
Environmental Impact Assessment Directive 2011/92/EU, as amended by Directive 2014/52/EU	Yes	Yes	It can be confidently concluded that the subject matter of this application, due to its size, scale, location, and nature, would have no real likelihood of significant effects on the environment, and therefore an Environmental Impact Assessment (EIA) and the production of an Environmental Impact Assessment Report (EIAR) is not required to support this application. Refer to: <ul style="list-style-type: none"> • Attachment B.5: EIA Screening Report, December 2023
Marine Strategy Framework Directive 2008/56/EC	No	Not applicable	Not applicable. The WwTP does not discharge to a marine waterbody.