



OPW Oifig na
nOibreacha Poiblí
Office of Public Works



River Bride (Blackpool) Certified Drainage Scheme

Natura Impact Statement
Addendum

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1 INTRODUCTION

This addendum to the Natura Impact Statement (NIS) is prepared in response to Item 1 of the further information requested from the Department of Public Expenditure and Reform (DPER) on the 22nd February. This required:

‘An assessment of the in-combination effects of this scheme with the Lower Lee Flood Relief Scheme and the Morrison’s Island scheme.’

This addendum to the NIS for the River Bride (Blackpool) Certified Drainage Scheme provides that assessment.

To fully address the further information request, the cumulative and in-combination assessments as presented in the NIS for the scheme that was prepared in 2019 has been updated to include an assessment of any additional plans, projects or land uses that may not have been present or proposed in 2019. It also takes account of information in the addendum to the NIS that was prepared in November 2020 in response to a request for supplementary information by The Department of Public Expenditure and Reform.

A new search of relevant plans and projects was undertaken as described in Section 2 below. The plans and projects considered included those listed in the 2019 NIS and the updated list that is provided in Appendix 1. The potential for all elements of the proposed development to result in cumulative effects when interacting with one another and with other plans, projects and land uses was considered and assessed.

2 METHODOLOGY FOR THE UPDATED CUMULATIVE AND IN-COMBINATION ASSESSMENT OF THE PROJECT

In order to update the cumulative and in-combination assessment that was presented in the 2019 NIS for the scheme, a comprehensive review of the Cork City Council planning register, Cork County Council planning register, and An Bord Pleanála website was undertaken in July 2022. The projects that were considered in the cumulative and in-combination impact assessment included those listed in Appendix 1 of the Addendum.

The potential for cumulative effects on any European Site to occur when the proposed development is considered in combination with other plans, projects and land uses is assessed in the following sections. Particular attention is paid to the potential for adverse effects to occur when the proposed development is considered cumulatively with the Lower Lee (Cork City) Drainage Scheme (which is not yet fully designed or finalised) and the Morrison's Island Public Realm and Flood Defence Project.

The Lower Lee (Cork City) Drainage Scheme is the statutory title for the Scheme that is often referred to as The Lower Lee Flood Relief Scheme (LLFRS). An EIS for this scheme was prepared in 2016 and was presented at exhibition. The 2016 EIS for this scheme was reviewed as part of the cumulative assessment that was presented in the 2018 EIA for the River Bride (Blackpool) Certified Drainage Scheme.

Whilst the Lower Lee (Cork City) Drainage Scheme has not yet been finalised, the most up to date information regarding the scheme has been used to inform this cumulative assessment. In addition, the Environmental Report for the Morrison's Island Public Realm and Flood Defence Project (2018) along with all other relevant documentation was used to inform this cumulative assessment.

3 DESCRIPTION OF THE SCHEME

The Proposed Scheme for the River Bride (Blackpool) Certified Drainage Scheme comprises of a combination of flood walls, culverting a section of open channel, bridge replacement, embankment construction and other minor works. The Scheme will be designed to provide protection for properties in the study area from the 1% Annual Exceedance Probability (AEP) flood event (also known as the 1 in 100-year flood event). The design of the proposed works is adaptable for future climate change in accordance with Office of Public Works guidance in relation to climate change. The scheme also includes an allowance for freeboard.

The proposed works are detailed on the scheme drawings included in Appendix 3A of the EIAR (2018) and are described generally in Chapter 3 of the EIAR (2018). The proposed works are also described generally in Chapter 3 of the NIS (2019) and the Addendum thereto, which was prepared in 2020.

4 ASSESSMENT OF CUMULATIVE AND IN-COMBINATION EFFECTS

The assessment of effects on Biodiversity that is set out in Sections 5 and 6 of the NIS for the River Bride (Blackpool) Certified Drainage Scheme (January 2019) and in the Section 7 of the Addendum (October 2020) was reviewed in the undertaking of this updated cumulative and in-combination assessment.

The further information requested from the Department of Public Expenditure and Reform (DPER) required only assessment of the River Bride (Blackpool) Scheme, in combination with the Lower Lee Flood Relief Scheme and the Morrison's Island scheme. However, given the passage of time since the original assessment was undertaken, consideration was given to the potential for any new plans, projects or changing land uses to result in significant effects on biodiversity when considered cumulatively or in-combination with the proposed development.

A new search of relevant plans and projects was undertaken as described in Section 2 above. The plans and projects considered included those listed in the 2019 NIS and the updated list that is provided in Appendix 1. The potential for all elements of the proposed development to result in cumulative effects on the identified European Sites when interacting with one another was considered.

Following the undertaking of the updated cumulative and in-combination assessment, the following conclusion remains valid.

'no "in-combination" effect on any Natura 2000 site is anticipated as a result of the proposed project'.

4.1 POTENTIAL EFFECTS ARISING ON EUROPEAN SITES RESULTING FROM THE PROPOSED DEVELOPMENT WHEN CONSIDERED INDIVIDUALLY

The conclusion of the Appropriate Assessment Screening for the River Bride (Blackpool) Certified Drainage Scheme is provided in Section 4.3 of the Natura Impact Statement and reads as follows:

The risk of potential pathways for impacts is slight, however, there are potential pathways for significant impacts to the conservation objectives of both European sites (Cork Harbour SPA and Great Island Channel SAC), in the absence of any best practice and pollution control, avoidance and mitigation measures, by impact and via the release of suspended solids or hydrocarbons or spread of invasive species that may enter the River Lee via the Bride (North) and have a negative impact on qualifying habitats and species. Therefore, applying the Precautionary Principle and in accordance with Article 6(3) of the Habitats Directive, the proposed River Bride (Blackpool) Certified Drainage Scheme has the potential to impact on the Qualifying Interests of European sites and should therefore be subject to a Stage 2 Appropriate Assessment (NIS).

The two European Sites with the potential to be affected are:

- Cork Harbour SPA (004030), which is located over 5km downstream of the site of the proposed works, where the River Bride flows into the River Lee.
- Great Island Channel SAC (001058), which is located over 9.5km surface water distance from the site of the proposed works.

Section 5.2 of the NIS (2019) identifies the potential impacts on the bird species and wetland habitat for which Cork Harbour SPA is designated and concludes that in the absence of mitigation, there is potential for

indirect effects on the SPA in the form habitat degradation as a result of run off of pollutants during construction and the spread of invasive species. The only identified pathway for effect is via surface water.

Similarly, Section 5.3 of the NIS (2019) identifies the potential impacts on the Mudflats and sandflats not covered by seawater at low tide [1140] and Atlantic salt meadows (*Glauco-Puccinellietalia maritimae*) [1330] and concludes that in the absence of mitigation, there is potential for indirect effects on the SPA in the form habitat degradation as a result of run off of pollutants during construction and the spread of invasive species. The only identified pathway for effect is via surface water.

Section 7 of the NIS (2019) and Section 8 of the NIS addendum (October 2020) set out the mitigation to be employed to avoid the potential for any such effect. Following the implementation of the prescribed mitigation, it is concluded in Table 7.1 that there is no potential impact on the Qualifying Interests or Special Conservation Interests of either the Cork Harbour SPA or the Great Island Channel SAC.

4.2 SPECIFIC ASSESSMENT OF POTENTIAL FOR IN-COMBINATION EFFECTS WHEN CONSIDERED ALONGSIDE THE LOWER LEE AND MORRISON'S ISLAND SCHEMES

Given that the request for further information specifically requires consideration of the in-combination effects of this scheme with the Lower Lee Flood Relief Scheme and the Morrison's Island scheme, additional detail on this assessment is provided below.

4.2.1 Lower Lee Flood Relief Scheme

It is noted that the Lower Lee Flood Relief Scheme is still at the design stage and has not yet been finalised. It is further noted that an AA Screening for this Scheme was prepared in 2016 and was presented at exhibition. The 2016 AA Screening document identifies the following European Sites as having the potential to be impacted by the proposed scheme:

- Great Island Channel SAC (Site Code:004219)
- Cork Harbour SPA (Site Code 004030)
- The Gearagh SAC (Site Code 000108)
- The Gearagh SPA (Site Code 004109)

Since the River Bride (Blackpool) Scheme does not have any potential to result in effects on The Gearagh SAC or The Gearagh SPA, these European Sites are not considered further in this cumulative impact assessment.

Whilst the potential for significant effects on the Great Island Channel SAC and Cork Harbour SPA was Screened Out in the 2016 AA Screening, pathways for effect were identified via surface and ground water and potential effects in the absence of best practice, in the form of run off of pollutants and the spread of invasive species were identified. These pathways and potential impacts are the same as those identified in relation to the River Bride (Blackpool) scheme and therefore, the potential for cumulative and in-combination effects in this regard between the schemes is considered.

Whilst the potential for cumulative or in-combination effects exists, it should be noted that the River Bride (Blackpool) Scheme has been designed to effectively block all pathways for individual effect on European Sites and the scheme includes detailed information on the mitigation, best practice and monitoring proposed to ensure that there is no potential for it to contribute to any cumulative effect on any European Site.

It should be further noted that the Lower Lee Flood Relief Scheme has been, and continues to be, the subject of ongoing design and refinement. The cumulative assessment presented is informed by the detail publicly available at the current time regarding the Lower Lee flood Relief Scheme. It is noted however that the Lower Lee Flood Relief Scheme is likely to involve the use of measures to ensure that all pathways for effect on European Sites via water pollution and spread of invasive species are robustly blocked and no potential for residual effect exists, and therefore no potential for cumulative effect exists.

The finalised Lower Lee Flood Relief scheme will be fully assessed individually, cumulatively and in combination with other plans and projects (including the River Bride (Blackpool) Scheme) in the NIS or AA Screening Report that accompanies that scheme. Thus, it will take full account of the finalised River Bride (Blackpool) Scheme in its assessment of cumulative or in combination effects with other plans.

4.2.2 Morrison's Island Public Realm and Flood Defence Project

The Natura Impact Statement for the Morrison's Island Public Realm and Flood Defence Project (December 2018) and additional information submitted in 2019 was reviewed. This document identifies the following European Sites as being potentially impacted by the proposed works:

- Great Island Channel SAC (Site Code:004219)
- Cork Harbour SPA (Site Code 004030)

Pathways for effect on these sites were identified via surface water. Potential effects in the absence of mitigation, in the form of smothering of habitats with silt and other pollutants. This pathway and potential impacts are the same as those identified in relation to the River Bride (Blackpool) scheme and therefore, the potential for cumulative and in-combination effects in this regard between the schemes is considered.

The Morrison's Island NIS (2018) also identifies the potential for disturbance to SCI bird species in the absence of mitigation, as a potentially significant effect.

Whilst the potential for cumulative or in-combination effects exists, it should be noted that the River Bride (Blackpool) Scheme has been designed to effectively block all pathways for individual effect on European Sites and the scheme includes detailed information on the mitigation, best practice and monitoring proposed to ensure that there is no potential for it to contribute to any cumulative effect on any European Site.

Section 8 of the Morrison's Island NIS (2018) then sets out a comprehensive suite of mitigation measures to avoid or minimise impacts on European Sites and Table 8.1 undertakes an assessment of residual impacts on European Sites and finds throughout that there are no impacts on any of the Qualifying Interests or Special Conservation Interests of any of the identified European Sites.

Given that there are no adverse effects on any European Sites identified as a result of either scheme, there is no potential for cumulative effects when considered in combination with each other or cumulatively with any other plan or project.

Appendix 1:

Plans and Projects among those considered in the Cumulative and In Combination Assessment

Table 1. Projects Considered in the Cumulative and In Combination Assessment

Planning Ref	Applicant	Lodgement Date	Description	Location
N/A	OPW	N/A	Lower Lee (Cork City) Drainage Scheme	Cork City from Inniscarra Road to Albert Quay
N/A	Cork City Council	N/A	Morrisson's Island Public Realm and Flood Defence Project	Morrisons Island, Cork City
2241112	Carra Shore Hotel (Camden Place) Limited	20/05/2022	Permission for alteration/modification of the 191 no. bedroom hotel with 10 no. long-stay suites.	The former McKenzies , /Circuit Courthouse , Camden Quay Camden Place
1938200	Christian Brothers College Board of Management	11/01/2019	Permission for the construction of a new 5 storey school house comprising 8 no. classrooms, library, digital suite, 4 no. offices, school hall and associated facilities	Christian Brothers College Sidney Hill , Wellington Road Cork T23FY09 , and 7A St. Patrick's Hill
1536308	Edmund Rice Schools Trust	27/02/2015	Two storey extension to the eastern end of the Christian Brothers College	Christian Brothers College , Sidney Hill , Wellington Road
1938262	Phyluma Limited	19/02/2019	Changes to upgrade the Merchants Quay Shopping Centre. The changes involve alterations to the elevations on the St. Patrick's Street and part of the Merchants Quay frontages	1-5 St. Patrick's Street , Merchant's Quay , Cork
1938589	Tower Development Properties Ltd	31/07/2019	Redevelopment of the Custom House ... to provide a 240-bedroom hotel, 25 no. hotel serviced suites, and a range of commercial uses including retail, office, food and beverage, distillery, tourism and leisure.	North Custom House Quay and , South Custom House Quay , Custom House Street
1737563	HQ Developments Limited	06/09/2017	Redevelopment of a site at Horgan's Quay to provide for a mixed use residential, office, hotel and retail development with ancillary creche, landscaping and public realm works resulting in the creation of 4 no. public spaces with an area of 5,080 m ² , services and site development works.	Horgan's Quay , Railway Street , Lower Glanmire Road
2140280	Eichsfeld Limited	11/06/2021	The proposed development will consist of the construction of 31 no. apartments over 6 storeys.	Old Furniture Store , 11-13 Watercourse Road , Blackpool
2241009	Recreate Shandon CLG	08/04/2022	Works to the former Shandon Butter Market, Protected Structure PS077, and for change of use from a Craft Centre to a Technology Hub and	Former Butter Market , /Craft Centre , Exchange Street

			Enterprise Centre by Recreate Shandon CLG	
1938366	The Board of Management of Scoil Cholmcille	29/04/2019	3 storey extension to side of existing school comprising 3 no. classrooms and associated facilities including reorganisation of existing road and parking	Scoil Cholmcille , Blarney Street , Cork
2039048	Compass Homes	24/01/2020	Demolition of existing structures and the construction of 42 no apartments comprising 23 no one bedroom apartments, 18 no two bedroom apartments, and 1 no. three bedroom apartment within four blocks	Brocklesby St , Blackpool
1938650	Citidwell Homes Ltd	28/08/2019	Residential development of 53 no. two and three storey dwellings (change of site layout and increase in density by 8 no. units (from 45 permitted to 53 proposed)	The lands of the former , St Finbarr's Seminary (a protected structure) , Farranferris Farranree
1737392	HRP Construction LTD	21/04/2017	Demolition of the existing industrial buildings on site and the construction of 81 no. residential units at a site which formed part of the former sunbeam factory complex.	Lands which formed part of the former Sunbeam Fact , Redforge Road , Blackpool
1938211	Eirgrid PLC	22/01/2019	Construction of a new 110kV Gas Insulated Switchgear (GIS) building, located entirely within the footprint of the existing Kilbarry 110 kV Substation	Kilbarry 110kV Substation , Old Whitechurch Road , Kilnap Cork
1938352	Noel Deasy Cars Ltd	15/04/2019	New single storey detached service workshop along with attached illuminated building signage at their existing premises at New Mallow Road, Cork.	Noel Deasy Cars Ltd , New Mallow Road , Cork
1838182	McDonald's Restaurants of Ireland Limited	20/12/2018	Development for at McDonald's Restaurant, Commons Road, Blackpool, Cork.	McDonald's Restaurant , Commons Road , Blackpool
1436179	Barry Coleman	07/11/2014	Development of 6 semi-detached dwellings and all ancillary car parking, landscaping and site development works at the former Garda Station, Old Mallow Road, Blackpool, Cork	Former Garda Station , Old Mallow Road , Blackpool
184449	John Maguire, Jim Maguire	22/02/2018	Construction of 2 no. dwellinghouses and associated site works	Carhoo, Whitechurch, Co. Cork,
2039085	Lorraine Carroll	11/02/2020	Permission to (A) Construct a dwelling house, (B) Construct a new access road, (C) Install a septic tank	Kilcully , Whites Cross , Co.Cork

			with percolation area and (D) All associated site works.	
165043	Rosemount Estate Amenity Company Ltd	04/05/2016	Residential development of five number houses with individual waste water treatment systems and associated site works	Rosemount Estate (lands adjoining) , Kilcully , Co. Cork
1938655	O'Leary and O'Sullivan Developments (Cork) Ltd.	30/08/2019	Construction of 74 no. residential units and all associated site development works, drainage, and landscaping and amenity area.	Coppenger Fields , Dublin Pike , Ballincroig
2140038	O Leary and O Sullivan Developments Ltd.	26/03/2021	Proposed development will consist of construction of 96 no. residential units, 1 no. crèche, associated car parking, landscaping and amenity areas at Dublin Pike and Ballyhooly Road, Ballincroig, Cork.	Dublin Pike and Ballyhooly Road , Ballincroig , Cork
2039717	Dave McSweeney	03/12/2020	Permission to construct 4 detached dwellings with individual treatment plants and associated site works on a site of 0.75Ha. All works to be carried out at Lower Killeens Road, Killeens, Cork	Lower Killeens Road , Killeens , Co.Cork
2240976	O Flynn Construction (Horlans) Ltd	29/03/2022	Proposed development will consist of 94 no. residential housing units with associated car parking, 2 no. commercial units, 1 no. retail unit and 1 no. creche.	Coolymurraghue , Upper Leemount , Kerry Pike
187417	Kerry Pike Lands Limited	21/12/2018	Construction of 20 no. dwelling houses (changes and amendments to part of the development approved originally under Planning Reg. Nos. 92/291 and 92/292) consisting of changes to the site layout, house types and levels	Clonlara, Coolymurraghue, Kerrypike, Co. Cork
2240915	Glenwood Property Development Ltd	10/03/2022	Development at a site at Ballycannon, Kerrypike, Cork will consist of the demolition of an existing boundary wall and gated access, and 2 no. existing animal shelters; the construction of a 2-storey commercial building including signage, with ground floor pharmacy and 1 no. medical consulting room	Ballycannon , Kerry Pike , Cork
194570	Balkalin Limited	08/03/2019	Construction of 21 No. dwelling houses and all associated ancillary development works including access, roads, parking, footpaths	Coolymurraghue, Kerry Pike, Co. Cork,
1637209	Sick & Sore Limited	19/12/2016	The mooring of a vessel for use as a restaurant and hotel; modifications to the quay wall	Penrose Quay , Cork
1737497	Trigon Hotels Ltd.	14/07/2017	10-year permission for full planning permission for the redevelopment and refurbishment of the Metropole Hotel and former P.J. O' Hea site	Metropole Hotel , MacCurtain Street , Harley St and

2039165	International Investment ICAV	12/03/2020	Redevelopment of the Leisureplex site, No.1 MacCurtain Street and Brian Boru Street, Cork to provide for a 171 bedroom hotel	Leisureplex site , No.1 MacCurtain Street , and Brian Boru Street
1938338	Karamex Limited	08/04/2019	Demolition of all buildings and structures; the construction of a two building office development, consisting of a six storey over ground floor building to Penrose Quay, with part rooftop terrace	Site bounded by Alfred Street to the North , Penrose Quay to the South , the under construction Penrose Dock development to
2140076	Cork Simon Community	09/04/2021	Site works at the corner of Alfred Street and Railway Street, Cork. The proposed development will consist of 6 no. 2-bedroom apartments, 43 no. 1-bedroom apartments, 29 no. studio apartments	Corner of Alfred Street , and Railway Street , Cork
1838009	Tetrarch Capital Ltd	02/08/2018	House, to facilitate a hotel-development of 165 no. bedrooms of between 3-7 storeys plus rooftop plant, principally accessed from Deane Street, as well as Parnell Place, with ground floor reception area, restaurant/bar, retail unit, foodhall and café/retail unit	Site bounded by 7/8 & , 9 Parnell Place Deane Street , & Oliver Plunkett Street Lower
2140435	Primark Limited and O Flynn Construction (Cork) Unlimited Company	19/08/2021	Reconfiguration and alterations to the existing layout to provide for 2 floors of retail, with ancillary storage, office and staff uses, and plant and equipment on the 2nd and 3rd floors	No.s 27-34 St.Patricks Street , No.s 99-102 Oliver Plunkett , Street No.s 1-4 Cook Street &
2140068	University College Cork and Tyndall National Institute	09/04/2021	Development of a new research facility at the site at: University College Cork, Distillery Fields, North Mall, Cork T23XA50	University College Cork , Distillery Fields , North Mall
2240929	Hanmer Limited	14/03/2022	Alterations to the student accommodation building permitted by An Bord Pleanála Reference ABP 307605-20 (as amended by ABP-309858-21) and all ancillary site development works	Nos. 92-96 , North Main Street , Cork
1636779	Good Shepherd Services Limited	02/03/2016	Demolition of a portion of the existing residential centre buildings, significant alterations to the existing including lobby and canopy fronting onto Grattan Street, construction of a new 4-storey extension	Edel House , Grattan Street , Cork
1637064	BAM Property Ltd.	12/09/2016	Amendments to the development previously granted planning permission, reference no.10/34698, PL28.239383	The Former Beamish , and Crawford Brewery

				, South Main Street
1737436	BAM Property Limited	26/05/2017	Mixed use hotel and office development with a total gross floor area of 22,698 m ² , which is an alteration and modification of the mixed use development permitted by 08/32886 and PL.28.229832 at the Former Government Buildings, Sullivan's Quay, Cork	Former Government Buildings , Sullivan's Quay , Cork
2140406	City Properties (Cork) Limited	05/08/2021	Construction of a mixed-use office and retail development with primary access from Grand Parade with service/ancillary access from Saint Augustine Street	The Queens Old Castle , 84-89 Grand Parade , Cork City
1737406	Summix WSC Developments Ltd	28/04/2017	Development measuring 9,458 sq m, which will range in height from part 2 to part 6 no. Storey's on a site at The Former Square Deal premises, Washington Street West, Cork City	The Former Square Deal Premises (Prot. Struc.) , (Bounded by Washington Street Woods Street , Lynch's Street and Little Hanover Street)
1737472	The Mercy University Hospital Cork Foundation	19/06/2017	demolition of no's 7,8,9&10 Wood's Street, Cork City, and for the construction of a new Cancer Care Centre and all associated site works on a 0.02 Ha site	7-10 , Wood's Street
2241158	University College Cork	03/06/2022	construction of a two storey extension to the south of the existing building (area175.5m ²)	The Granary Theatre , Dyke Parade , Cork
1536482	Wafore Ltd.	10/07/2015	renovation and extension of No.18 and 19 south terrace to provide for office accommodation (c. 310 sqm); provision of a mixed use development including a building of c.22,401 sqm ranging from 4-6 storeys	Site Of former brooks builders merchants bounded by Copley street , Stables lane , Union (or cotter) Quay and south terrace
1938327	University College Cork	01/04/2019	single storey extension consisting of 4 No. offices and 1 no. store at UCC Enterprise Centre, Distillery Fields, North Mall, Cork	UCC Enterprise Centre , Distillery Fields , North Mall
2140116	University College Cork and Tyndall National Institute	23/04/2021	development of a pedestrian and cycle bridge at Lee Maltings, Dyke Parade, Cork T12PX46 to North Mall, Cork T23XA50	University College Cork , Distillery Fields North Mall Cork , T23XA50 crossing to Lee Maltings
2240919	University College Cork	10/03/2022	Proposed gym extension to the north east of the existing Mardyke Arena facility at Mardyke Walk, Cork, by University College Cork	Mardyke Arena , University College Cork , Mardyke Walk

1838154	University College Cork	30/11/2018	Construction of a new flood defence wall on the southern and western site boundary, involves the removal of 3 existing trees, removal of an existing palisade fence on the western boundary of the site, and partial demolition of existing walls	Castlewhite Apartments Site , (including Castlewhite Apartments Brighton Villas , Western Road and Gaol Walk
1737328	Xiu Lan Hotels LTD	16/03/2017	Additions and alterations to the Kingsley Hotel, Carrigrohane road, to provide an additional 63 no. guest rooms, new gym, administration offices and meeting rooms	The Kingsley Hotel , Carrigrohane Road , Cork
2140553	Health Service Executive (HSE)	07/10/2021	Demolition of single storey structure; construction of a single storey extension; the construction of a two storey extension in the Carraig Mor Centre	Carraig Mor Centre , Shanakiel Road , Sundays Well
2039581	John Coleman	07/10/2020	Construct 8 No. single-storey dwellings at Mile Stream, Shanakiel, Cork, including all associated site development and landscaping works.	Mile Stream , Shankiel
2039067	Irish Water	31/01/2020	Construction of a new off line sedimentation tank to upgrade existing sedimentation tank at existing Lee Road Water Treatment Facility	Lee Road Water Treatment Plant , Lee Road , Cork
1737279	Moneda Developments Limited	13/02/2017	The proposed development will consist of the partial demolition, redevelopment and extension of the existing former Good Shepherd Convent, Orphanage and Magdalene home buildings to facilitate a residential development of 234no. apartments.	The Former Good Shepherd Convent site , Convent Anenue And Buckston Hill , Sunday's Well
1938221	Dan O' Brien	30/01/2019	Construction of 4 no. residential units and all associated ancillary site development	Buxton Hill , adjacent to Upper Janemount Terrace , Sunday's Well Road
1938320	KMR Developments Ltd	26/03/2019	Construction of 29 No. dwellinghouses, connection to public services and all associated site works at Pope's Road	Pope's Road , Blackpool , Cork
1838138	Barcrest Developments Ltd.	22/11/2018	Demolition of 18 no. dwellings and the construction of 18 no. terraced dwellings	Millfield Cottages , Off Redforge Road , Blackpool
2140732	Fair Valley Development Limited	10/12/2021	Construction of 46 no. residential units, a community centre/creche and all ancillary site development works, landscaping and amenity areas at Fairfield Meadows	Fairfield Meadows , Upper Fairhill , Commons

2140702	Leeside Quays Ltd.	02/12/2021	Proposed mixed-use development comprising 4 no. new buildings and the conversion of the Odlum's Building, all in the South Docklands of Cork City	Lands between Kennedy Quay , (North) Marina Walk (South) , Victoria Road (West) and Mill Road (East)
N/A	Cork City Council	N/A	Cork City Centre Movement Strategy – amendments on key streets such as McCurtain Street, Merchants Quay, South Mall, North Main Street, South Main Street, Proby's Quay and North Mall	Amendments on key streets such as McCurtain Street, Merchants Quay, South Mall, North Main Street, South Main Street, Proby's Quay and North Mall
N/A	TII	N/A	Dunkettle Interchange Upgrade	Dunkettle Interchange, Inchera, County Cork
N/A	Cork City Council	N/A	Harleys Street Bridge between St Patricks' Quay and Merchants Quay	Between St Patricks' Quay and Merchants Quay
1838015	BAM Property Limited	10/08/2018	Event Centre and Access Bridge	South Main St., Cork
N/A	CIÉ	N/A	Kent Station Re-Development	Kent Station, Lower Glanmire Rd, Cork
N/A	Cork City Council	N/A	St Patrick's Quay Coach Parking	St Patrick's Quay, Cork City
N/A	N/A	N/A	Navigation House/Albert Quay Office Developments	Navigation Square, Albert Quay, Ballintemple, Cork
N/A	Cork City Council	N/A	Albert Quay East – Contra-Flow Bus Lane	Albert Quay East, Ballintemple, Cork
N/A	N/A	N/A	Grand Parade Quay – Proposed World War 1 Memorial	Grand Parade Quay, Cork
N/A	Irish Water	N/A	Lee Road Waterworks – new water treatment plant	Lee Rd, Sunday's Well, Cork
N/A	Port of Cork	N/A	Port of Cork Ringaskiddy Re-Development Scheme	Ringaskiddy, Co. Cork
N/A	Cork NRO	N/A	N28 Motorway Upgrade Scheme	Cork to Ringaskiddy
N/A	NTA	N/A	BusConnects - Route C - Blackpool to City - NTA Bus Connects Project	Blackpool to Cork City
N/A	NTA	N/A	Bus Connects - Route D (Hollyhill to City) - NTA Bus Connects Project	Hollyhill to Cork City
N/A	Cork City Council	N/A	Northern Distribution Road (Multi Modal Route)	Cork City
N/A	Cork City Council	N/A	Knapp's Square and Lower John's Street Area Pedestrian and Cycle Measure - NTA Active Travel scheme	Knapp's Square and Lower John's Street

N/A	Cork City Council	N/A	MacCurtain Street Public Transport Improvement - NTA Active Travel scheme	MacCurtain Street, Cork
N/A	Cork City Council	N/A	Knockpogue Avenue Active Travel Improvement Works - NTA Active Travel scheme	Knockpogue Avenue, Cork
N/A	Cork City Council	N/A	Nash's Boreen Pedestrian and Cycle Upgrade Scheme - NTA Active Travel scheme	Nash's Boreen, Cork

Table 2. Plans Considered in the Cumulative and In Combination Assessment

Plans Considered in the Cumulative and In-Combination Assessment
Regional Planning Guidelines for the South-West Region 2010-2022;
South-Western River Basin Management Plan 2009-2015;
Cork Area Strategic Plan Update 2008;
Mahon Local Area Plan 2014-2020;
South Docks Local Area Plan 2008-2018;
Farranferris Local Area Plan 2009-2015;
North Blackpool Local Area Plan 2011
North-West Regeneration Masterplan 2011;
Water Services Investment Programme;
IPPC Programme;
Local Authority Discharge;
Groundwater Pollution Reduction Programmes;
Surface Water Pollution Reduction Programmes;
Draft Lee Catchment Flood Risk Assessment and Management Study. Regional Spatial and Economic Strategy for the Southern Region 2020 - 2040
Cork City Development Plan 2015 - 2021
Proposed Cork City Development Plan 2022-2028
Cork Metropolitan Area- Strategic Plan 2020 - 2040
Cork City Docks – Local Area Plan 2017
Tivoli Docks – Local Area Plan 2017
Cork County Development Plan 2022-2028
River Basin Management Plan 2018 - 2021