

ATTACHMENT B.2.5: FUTURE CHANGES TO THE AGGLOMERATION BOUNDARY

Uisce Éireann currently has works at construction stage to transfer excess flow and load *via* a pumping station from Leixlip WwTP (Lower Liffey Valley D0004-02) to the Blanchardstown (9C Sewer) catchment. This arises as a result of a projected treatment over capacity at Leixlip WwTP and an inability to further expand Leixlip WwTP beyond its current treatment capacity. Flows from an industrial area and a number of residential properties in the Lower Liffey Valley Agglomeration (D0004-02) will be diverted to the 9C Sewer and forwarded to Ringsend WwTP for treatment.

In the long term it is proposed to construct a new WwTP as part of the Greater Dublin Drainage Project (GDD Project) in the townland of Clonshaugh in Fingal. The GDD Project is to augment the existing treatment capacity at Ringsend by the provision of the new WwTP (once construction is completed).

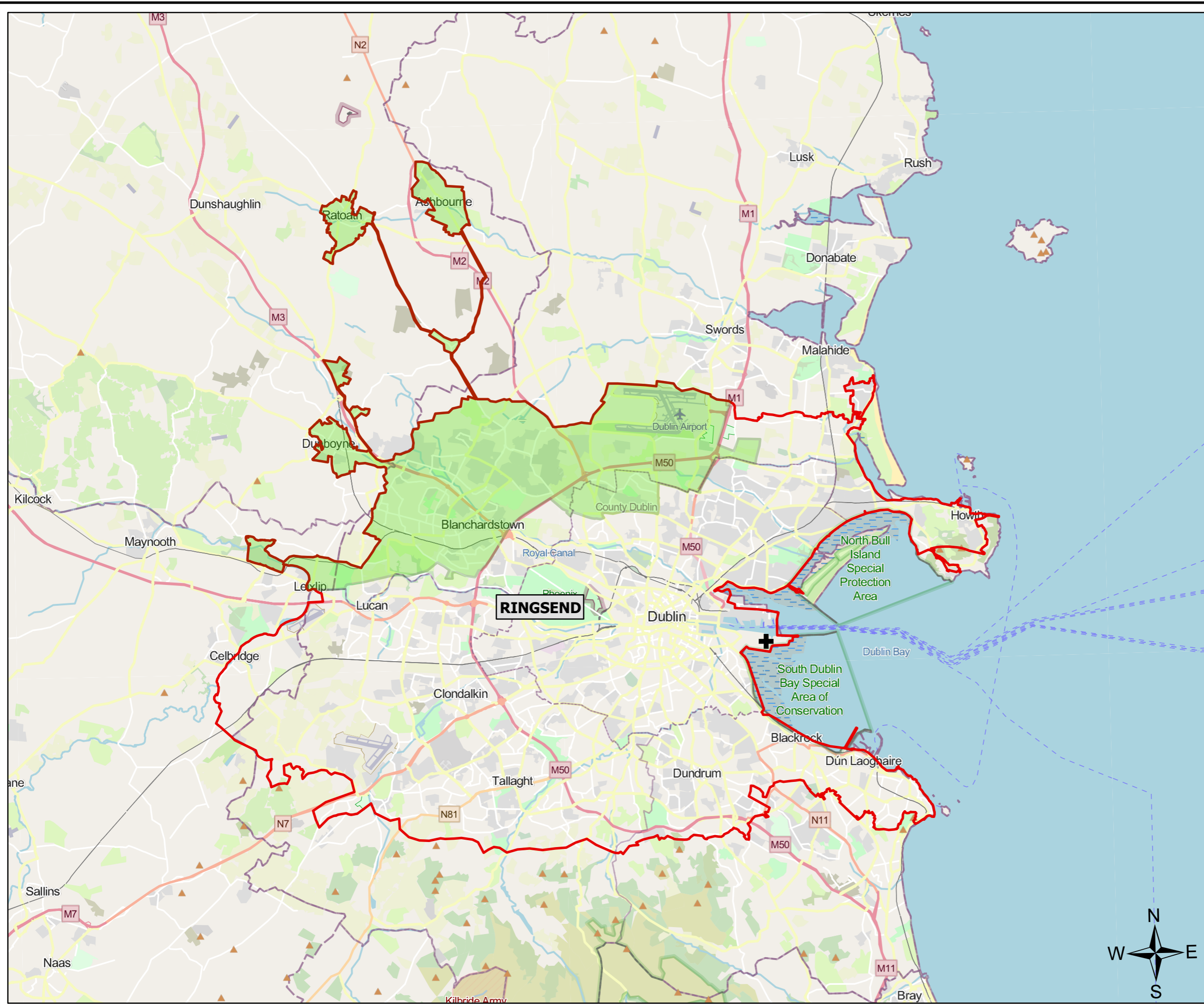
It is proposed following the completion of the construction and commissioning of the GDD Project, that the flows from the 9C Sewer west of the M50 will be forwarded to the new GDD WwTP.

To mobilise the capacity required for the new GDD WwTP, it will be necessary to divert flows from some of the existing drainage catchments served by Ringsend WwTP. The GDD Project will serve the projected wastewater treatment requirements of existing and future drainage catchments in the north and north-west of the Ringsend agglomeration up to the 2050 design horizon of 500,000 p.e.

The proposed flow transfer from the Ringsend collection network to GDD will include flows from the 9C Sewer west of the M50 (including flows from the Meath towns and villages of Ashbourne, Ratoath, Kilbride, Dunboyne & Clonee) and the partial diversion of flows from the North Fringe Sewer.

The WWDL Application for the GDD Project, when submitted, will provide further details of the transfer loads and timescales.

Attachment B.2.5 Map 7 which illustrates in shaded format, the likely extent of transfer of the Ringsend catchment to the related Greater Dublin Drainage (GDD) Agglomeration. This is indicative transfer only as is based on best current information and subject to change.



NOTES:

Legend

- FUTURE GREATER DUBLIN DRAINAGE AREA
- AGGLOMERATION BOUNDARY
- + WWTP SITE LOCATION

Name	Easting	Northing
WWTP	320155E	233586N

SIGNED: _____

PRINT NAME: _____

POSITION: _____

DATE: _____

FOR UISCE ÉIREANN

Rev	Date	Description	Drn	Chk	App

DISCHARGE LICENCE

CLIENT: **UISCE ÉIREANN**
 Colvill House,
 24-26 Talbot Street,
 Dublin 1
 Tel. 1890 278 278 Web. www.water.ie

PROJECT: **GREATER DUBLIN AREA
 AGGLOMERATION WASTE WATER
 DISCHARGE
 LICENCE APPLICATION**

TITLE: **MAP 7
 INDICATIVE FUTURE CHANGES TO
 AGGLOMERATION BOUNDARY**

SCALE	DRAWN
150,000	R. Clarke
	DATE
	19/05/2023

ATTACHMENT **B.2.5**