

Draft Wastewater Capacity assessment - March 2022

Capacity subject to change.

Notes:

Assessment of capacity is the best available information at the time of issue and is subject to change

Population projections are subject to change

The wastewater hydraulic capacity relates to capacity available to cater for foul wastewater only.

The below assessment refers to strategic treatment infrastructure only, for the majority of areas local network upgrades may also be needed which can be customer funded.

A pre-connection enquiry should be submitted to IW to determine the feasibility of connecting any site to the IW network, feasibility should not be inferred from the below table.

A Wastewater Treatment Capacity Register (WWCR) for 2019 was issued to Carlow CC in April 2020. The 2020 Wastewater Treatment Capacity Register is currently being prepared and will be issued to LAs once finalised in the coming months. In the meantime please refer to the below for further capacity details.

Settlement	Settlement Hierarchy:	Population 2016	WWTP agglomeration	WWTP design capacity:	2019 load:	2020 load:	Revised MA Population 2028	Revised MA Population Change 2016 - 2028	Wastewater capacity:
Carlow (excl Graiguecullen)	Key Town	19,994	Mortarstown WWTP	36,000	30,807pe	31,121	23,011	3,017	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP. IW is progressing a review and upgrade for the Mortarstown WWTP with anticipated completion in 2027, in the meantime it is envisaged that capacity will be available to cater for the proposed population targets in the Draft CDP within the lifetime of the CDP.
Tullow	District Town	4,673	Tullow WWTP	4,000	6,057	6,141	5,592	919	WWTP Upgrade project progressing to increase capacity of WWTP to 9,200pe. Construction has started and it is anticipated that the project will be completed in Q4 2023. On that basis, it is envisaged that capacity will be available to cater for the proposed population targets in the Draft CDP.
Muine Bheag	District Town	2,837	Muinebeag & Leighlinbridge WWTP	5,500	7,842	5,672	3,508	671	WWTP Upgrade project progressing to increase capacity of WWTP to 9,200pe. This project has not commenced on site yet but current timelines indicate a completion date of Q4 2024. It is envisaged that capacity will be available to cater for the proposed population targets in the Draft CDP within the lifetime of the CDP.
Leighlinbridge	Small Town	914					1,140	226	
Rathvilly	Small Town	944	Rathvilly WWTP	2000	1101	1113	1,085	141	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Ballon	Small Town	712	Ballon WWTP	1200	717	725	853	141	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Borris	Small Town	652	Borris WWTP	1500	1004	1025	793	141	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP. IW is progressing upgrades to the Borris WWTP to improve operational efficiencies.
Hacketstown	Small Town	597		2000	781	790	724	127	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Carrickduff	Small Town	442	Bunclody WWTP	6500	2667		518	76	Carrickduff discharges to Bunclody WWTP which is in Wexford. Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Tinnahinch	Small Town	306	Graiguenamanagh WWTP				366	60	Tinnahinch discharges to Graiguenamanagh WWTP which is in Kilkenny. Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Palatine	Larger serviced village	398	Palatine WWTP	1000	405		455	57	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.

Ballinabrannagh	Larger serviced village	466	Ballinabrannagh & Killeeshal WWTP	500	694		521	55	Capacity for growth is not available currently. Listed as Priority no. 1 by Carlow CC on the Small Towns and Villages Growth (STVGP) project - IW has recently confirmed funding for the provision of a WWTP upgrade at Ballinabranagh under the STVGP. IW will keep CCC updated on progress with the project as the STVGP progresses.
Rathoe	Larger serviced village	304	Rathoe WWTP	2000	365		345	41	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Fennagh	Larger serviced village	402	Fennagh WWTP	1500	475		459	57	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Myshall	Larger serviced village	286	Myshall WWTP	800	327		337	51	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Clonegal	Larger serviced village	278	Clonegal WWTP	200	298		299	21	Capacity for growth is not available currently.
Kildavin	Larger serviced village	184	Kildavin WWTP	250	185		219	35	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Tinryland	Larger serviced village	378	Tinryland WWTP	200	274		405	27	Capacity for growth is not available currently.