

**Table 1: Water and wastewater capacity assessment - Settlements in Carlow county.**

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 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 2019 WWCR for further capacity details.

Settlement	Settlement Hierarchy:	Population 2016:	Draft CDP Population to 2028:	Draft Population increase 2016-2028:	Water Resource Zone (WRZ):	Water treatment/source capacity update:	Wastewater Treatment Plant (WWTP):	Wastewater Treatment capacity update:
Carlow (excl Graiguecullen)	Key Town	19,994	23,058	3,064	Carlow Town	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Mortarstown WWTP	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 towards the end of 2025.
Tullow	District Town	4,673	5,592	919	Carlow Town	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Tullow WWTP	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	3,508	671	Bagenalstown	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Muinebeag/Leighlinbridge WWTP	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 Q1 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	Leighlinbridge	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Muinebeag/Leighlinbridge WWTP	
Rathvilly	Small Town	944	1,085	141	Carlow Town	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Rathvilly WWTP	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Ballon	Small Town	712	853	141	Carlow Central Regional	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Ballon WWTP	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Borris	Small Town	652	793	141	Borris	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Borris WWTP	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	724	127	Hacketstown	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Hacketstown WWTP	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Carrickduff	Small Town	442	518	76	Bunclody	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Bunclody WWTP	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	366	60	Graiguenamanagh	No capacity available currently. The development of additional groundwater supplies was investigated previously but did not yield any additional water. The plan to address the deficit for the Graiguenamanagh WRZ is currently being developed through the National Water Resources Plan Full Options Assessment process, with a preferred approach anticipated in Q3 2021.	Graiguenamanagh WWTP	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	455	57	Carlow town	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Palatine WWTP	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Ballinabranagh	Larger serviced village	466	480	14	GWS - private	N/A - settlement is served by a private Group Water Scheme.	Ballinabranagh & Killeeshal WWTP	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	345	41	Carlow town	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Rathoe WWTP	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.

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Fennagh	Larger serviced village	402	459	57	Carlow Central Regional	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Fennagh WWTP	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Myshall	Larger serviced village	286	337	51	Carlow Central Regional	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Myshall WWTP	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Clonegal	Larger serviced village	278	299	21	Carlow Central Regional	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Clonegal WWTP	Capacity for growth is not available currently.
Kildavin	Larger serviced village	184	219	35	Carlow Central Regional	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Kildavin WWTP	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Tinryland	Larger serviced village	378	399	21	Carlow town	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.	Tinryland WWTP	Capacity for growth is not available currently.