

Draft Water Capacity assessment - March 22

Capacity is 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 below assessment refers to strategic supply 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

Settlement	Settlement Hierarchy:	Population 2016	Water Resource Zone (WRZ):	Population 2028	Population Change 2016 - 2028	Potential Draft Housing allocation:	Water capacity update:
Carlow (excl Graiguecullen)	Key Town	19,994	Carlow Town	23,011	3,017	1,352	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP. <i>Level of Service Improvement required. Leakage reduction and/or capital investment will be required to maintain/improve levels of service as demand increases. These proposals will be developed & prioritised through the National Water Resources Plan and investment planning process.</i>
Tullow	District Town	4,673	Carlow Town	5,592	919	404	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Muine Bheag	District Town	2,837	Bagenalstown	3,508	671	295	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Leighlinbridge	Small Town	914	Leighlinbridge	1,140	226	99	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Rathvilly	Small Town	944	Carlow Town	1,085	141	62	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Ballon	Small Town	712	Carlow Central Regional	853	141	62	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Borris	Small Town	652	Borris	793	141	62	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Hacketstown	Small Town	597	Hacketstown	724	127	56	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Carrickduff	Small Town	442	Bunclody	518	76	33	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Tinnahinch	Small Town	306	Graiguenamanagh	366	60	26	No capacity available. 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 mid 2021.

Palatine	Larger serviced village	398	Carlow town	455	57	25	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Ballinabrannagh	Larger serviced village	466	GWS - private	521	55	6	N/A - settlement is served by a private Group Water Scheme.
Rathoe	Larger serviced village	304	Carlow town	345	41	18	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Fennagh	Larger serviced village	402	Carlow Central Regional	459	57	25	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Myshall	Larger serviced village	286	Carlow Central Regional	337	51	23	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP.
Clonegal	Larger serviced village	278	Carlow Central Regional	299	21	9	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP. (update from STVGP spreadsheet)
Kildavin	Larger serviced village	184	Carlow Central Regional	219	35	16	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP. (update from STVGP spreadsheet)
Tinryland	Larger serviced village	378	Carlow town	405	27	9	Currently it is envisaged that capacity is available to meet the population targets in the Draft CDP. (update from STVGP spreadsheet)