

A4

Infrastructural Capacity Assessment



Table A4 – Population and Status of Residentially Zoned Land in Towns and Villages

Settlement	Env Capacity Available - Wastewater	WWTP Facility	WWTP Capacity	Available PE	Comments - Wastewater Treatment	Water Supply Scheme	Availability of Water - Units	Source Availability	Planned Upgrades	Comments - Water supply
DUNGARVAN AREA										
Ardmore	yes	planned for 2013			WWTP to be provided under the Waterford Grouped Towns & Villages Scheme (WGTVS) - 3377 PE planned	Local	10	limited	WSIP	Local interim measures
Baile na nGall	yes	yes	1600	650	Capacity to be shared across area incl Heibhic, Maoil na Choirne	Local	5	deficient	WSIP priority	Local interim measures
Ballinroad	Will be part of Dungarvan, awaiting confirmation of SLI for completion.									
Ballylaneen	no	none	none	none	Suitable for limited individual wastewater treatment plants only	Kill Bunmahon	10	limited	none	By individual assessment
Dungarvan & Environs	Suggest orderly development where sewers are accessible									
Heibhic	yes	yes	yes	yes	New WWTP, Heibhic in catchment, zoned area not sewered.	Local	5	deficient	WSIP priority	Local interim measures
Maoil na Choirnigh	yes	yes	1600	600	Current network problems with pumping stations.	Local	5	deficient	WSIP priority	
Piltown	limited	wetlands	250	none	Limited PE may be possible with modifications,	Clashmore	10	limited	none	By individual assessment
Sean Phobal	limited	yes/ deficient	100	none	Limited PE may be possible with modifications, stream capacity limited	Local	5	deficient	Unknown	Possible improvement under Rural Water Grant aided scheme, additional well needed
COMERAGH AREA										
Annestown	very limited	none	none	20 locally	Limited capacity - Proposals based on merits	Kill Bunmahon	10	limited	none	By individual assessment
Ballyduff East	none locally	yes	none	none	Waterford Grouped Towns & Villages Scheme dependant - 1098 PE planned	Local	5	limited	yes	Completion of scheme improvements under rural water scheduled for 2010
Ballymacabry	yes	yes	used	none	Any major development needs new treatment plant.	Local	5	limited	none	By individual assessment
Bunmahon/Knockmahon	yes	yes	none	none	Public scheme in planning, likelihood uncertain	Ballyvaden	30	limited	none	By individual assessment
Clonea Power *	yes	yes	none	none	Status of Clodiagh River - Restrict any further development.	Local	5	limited	Unknown	Needs additional treatment and pumping to increase supply.
Clonmel Environs	Discharge to South Tipperary wastewater treatment facility									
Dunhill	limited	yes	used	none	No further development - receiving waters currently overloaded.	Local	3	deficient	none	Dependent on proposals for permanent solutions from developers
Kill	yes	yes	500	200	Any future development should have regard to total loading on area.	Kill Bunmahon	5	limited	none	By individual assessment
Kilmacthomas	yes	planned for 2013			WWTP to be provided under the WGTVS - 1902 PE planned	Local	5	deficient	WSIP	By individual assessment
Kilmeaden	used locally	planned for 2013			WWTP to be provided under the WGTVS - 1098 PE planned	Local off EWWS	5	sufficient	Unknown	Needs additional works and pumping to increase supply.
Lemybrien	limited	yes	180	none	Further development would necessitate major sewage works.	Local	5	limited	Unknown	Possible additions under rural water
Portlaw	yes	yes	used	none	Additional capacity not expected under public finances in short term	Local	10	limited	WSIP	No further connections until new public water supply in place
Stradbally	yes	planned for 2013			WWTP to be provided under the WGTVS - 1185 PE planned	Local	5	limited	none	Supply under strain for a number of years - limited connections
Rathgormuck	no	none	none	none	Provision of waste water facilities unlikely - no further development	Local	3	limited	none	
TRAMORE AREA										
Bawnfune	very limited	yes	150	Possibly 30	Limited development at low density only	EWWS	yes			
Cheekpoint	yes	planned	700	Possibly 300	Awaiting provision of WWTP.	Dunmore Reg.	10	yes	WSIP	Additional pipe upgrades for large developments
Crooke	yes	yes	750	Possibly 200	There is a limit to capacity with limited scope for development	Dunmore Reg.	50	yes	no	
Dunmore East	yes	planned for 2013			WWTP to be provided under the WGTVS - 8314 PE	Tramore	50	yes	WSIP	Excessive development load would cause problem in Tramore
Fenor	no	none	none	none	Suitable for limited individual wastewater treatment plants only	none	none	none	none	
Passage East	yes	yes	limited	limited	Topography limits any further development.	Dunmore Reg.	50	yes	none	Topography limits any further development.
LISMORE AREA										
Aglish	limited	yes	700	300	Restrict further development to low density/limited area limited capacity.	Aglish	10	limited	none	Dependent on proposals for permanent solutions from developer
Ballyduff West	yes	yes	none	none	Assess future development on merits of proposals	Aglish Glencairn	20	limited	WSIP	
Cappoquin	yes	planned for 2013			WWTP to be provided under the WGTVS - 2556 PE planned	LCB	20	limited	WSIP	Quality issue with water, no large reserve
Clashmore	limited	yes	700	Possibly 300	Limit future development. Treatment in place will have an ultimate limit.	Local	10	limited	no	Additional wells may be considered
Knockanore	limited	none	none	none	Discharge for wastewater not readily accessible.	Local	10	limited	no	New Source needed if development proposed
Lismore	yes	yes/ deficient	none	none	Plant capacity may be available if SLI application is approved.	LCB	20	limited	WSIP	Availability is location dependant, upgrade on network parts required
Tallow	yes	planned for 2013			WWTP to be provided under the WGTVS - 2527 PE planned	Local	10?	limited	WSIP	Supply under strain for a number of years - limited connections
Touraneena	no	yes	used	none	Suitable for limited individual wastewater treatment plants only	Local	5	limited	no	
Villierstown	yes	yes	700	300	Take care with total development exceeding capacity of plant.	Local	10	limited	Unknown	Possible improvement under Rural Water grant aided scheme, additional well needed

Legend and notes.

Limited
Sufficient
Restricted
None
Available units.

Virtually all supplies are limited at source and are based on wells. Works would be required to increase availability. Need to Assess individually
Need to watch location for pressures, pipe sizes.
May be possibly to allow individual single house connection - subject to available capacity. These are schemes that have suffered shortages.
Applies like deficient, borderline supplies.
5 - Only Consider single houses for connection
10 - Small scale developments considered, may need system upgrade to accommodate
20 - More availability but needs an assessment or may need infrastructure.

WSIP Water Services Investment Programme

* Clonea Power The need for an upgrade of the WWTP and associated wastewater infrastructure is recognised in this Plan, especially to avoid adverse effects on the freshwater pearl mussel population in the River Clodiagh, and the Council will endeavour to obtain priority status for these works.