

From: Spatial Planning <spatialplanning@water.ie>
Sent: Tuesday 3 January 2023 16:09
To: Development Plan
Subject: Proposed Amendments to the Draft Clare Draft Development Plan 2023-2029 - Irish Water Submission
Attachments: 22_IW_FP_59 ClareCDP_MA.pdf; IW_ClareMA Water Supply Summary.pdf; IW_ClareMA WWT Summary.pdf

A Chara,

Please find attached Irish Water's submission on the proposed amendments to the Draft Clare Development Plan.

Regards,
Elaine

Elaine Heneghan
Regional Forward Planning Specialist

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Thank you for your attention.

Tá an fhaisnéis á seachadadh dírithe ar an duine nó ar an eintiteas chuig a bhfuil sí seolta amháin agus féadfar ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh tráchtála de a bheith mar chuid de. Tá aon athsheachadadh nó scaipeadh den fhaisnéis, aon athbhreithniú ar nó aon úsáid eile a bhaint as, nó aon ghníomh a dhéantar ag brath ar

an bhfaisnéis seo ag daoine nó ag eintitis nach dóibh siúd an fhaisnéis seo, toirimiscithe agus féadfar é a bheith neamhdhleathach. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Uisce Éireann le haon dliteanas faoi ghnímh nó faoi iarmhairtí bunaithe ar úsáid thoirmiscithe na faisnéise seo. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scríos an t-ábhar ó gach aon ríomhaire. Féadfar ríomhphost a bheith soghabhálach i leith truaillithe, idircheaptha agus i leith leasaithe neamhúdraithe. Ní ghlacann Uisce Éireann le haon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairreachtaí chuig nó ó Uisce Éireann chun comhlíonadh le polasaithe agus le caighdeáin Uisce Éireann a chinntiú agus chun ár ngnó a chosaint. Fochuideachta gníomhaíochta de chuid Ervia is ea Uisce Éireann atá faoi theorainn scaireanna, de bhun fhorálacha an tAcht um Sheirbhísí Uisce 2013, a bhfuil a bpríomh ionad gnó ag 24-26 Teach Colvill, Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.

Planning Department
Clare County Council
New Road
Ennis

Email: devplan@clarecoco.ie

3rd January 2023

22_IW_FP_59_ClareCDPMA

Re: Proposed Amendments to the Draft Clare Development Plan 2023 - 2029

A Chairde,

Irish Water welcomes the inclusion of Proposed Material Alterations arising from your consideration of our initial submission on the draft Clare Development Plan (Draft Plan). We have provided observations and comments on the proposed Material Alterations to the Draft Plan in relation to public water services below. We will continue to engage with the planning department as the development plan process progresses. Suggested additions are shown in red and deletions in ~~strikethrough~~.

3.4.2 Core Strategy Statement and Core Strategy Table

Irish Water have provided commentary in relation to the ability of our Wastewater Treatment Plants (WWTPs) and Water Resource Zones (WRZs) to accommodate the updated 2023-2029 population targets and unmet population as per the Core Strategy Table. It should be noted that the core strategy population and zoning allocations have been increased in several settlements with treatment/ supply capacity constraints, ref. attached tables.

With regard to the text on S3.4.2 page 3 on the potential for growth over and above the core strategy population targets, the use of 'Additional Provision' and further zoned land increases in the Zoning per Map column of the core strategy table; Irish Water are concerned at the level of land zoned and it should be noted that exceeding the population targets may necessitate strategic network and/or treatment plant upgrades in some settlements. It furthermore presents difficulties in Irish Water's strategic planning for growth and could lead to non-sequential development, compromising the achievement of compact growth objectives.

Where growth in excess of the population targets is under consideration, early consultation with Irish Water is requested. Wastewater treatment and water supply capacity registers will be published annually and provide an indication of available capacity in settlements served by Irish Water.

Potential development in areas with no, or inadequate, wastewater treatment capacity

(e.g. Core strategy table Unserviced settlements, new text in 6.15, CDP9.13 (b), CDP11.32 (h), 11.2.9.2, 1.11.7 Tourism in Newhall Estate, Portdrine Business Park, expansion of unserviced Cluster boundaries, zoning amendments in Kilmihill and Kiladysert additional zonings in unserviced villages including, *but not limited to*, Ardnacrusha, Broadford, Bridgetown, Doora and O'Briensbridge)

As outlined in Draft Water Services Guidelines for Planning Authorities (Jan 2018), Section 5.3: 'It is the policy of Irish Water to facilitate connections to existing infrastructure, where capacity exists, in order to maximise the use of existing infrastructure and reduce additional investment costs. There is a general presumption that development will be focused into areas that are serviced by public water supply and wastewater collection networks. Alternative solutions such

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as private wells or wastewater treatment plants should not generally be considered by planning authorities. Irish Water will not retrospectively take over responsibility for developer provided treatment facilities or associated networks, unless agreed in advance.'

The opportunity may arise for the development to connect into the network in the future however, the developer provided treatment facility would generally not be taken over.

Suggested amendments:
CDP11.32 g)

To permit the development of single dwelling houses in unserviced areas, only where it is demonstrated to the satisfaction of the Planning Authority that the proposed...

CDP11.32 h) Irish Water recommend that the proposed amendment to CDP11.32 (h) is not adopted:

h) Where settlements have no public wastewater treatment infrastructure, ~~and in settlements which have limited or insufficient capacity to facilitate development~~, to consider alternative developer led/provided shared use wastewater.....

IW also suggest the following criterion be added to CDP 11.32 (h):

As a condition of grant of planning permission, new developments will be required to connect to the public network when connection becomes available, subject to a connection agreement with Irish Water.

Measure A8, Broadford and Cooraclare

With regard to the potential for funding under Measure A8- Waste Water Collection Treatment Needs for Villages and Settlements without access to Public Wastewater Services, lands have been zoned within Broadford and Cooraclare in anticipation of funding approval. Given funding has not yet been approved under this scheme, and the expected timeline for delivery of a WWTP in an unserviced settlement following funding approval, it may be considered premature to zone additional lands in these settlements for future growth.

Suggested amendment: Cooraclare-

In this regard, access to Public Wastewater Services. The provision of such a system falls under the remit of ~~Irish Water~~ DHLGH, in collaboration with the relevant Local Authority, and until such time as public wastewater infrastructure is in place, a...

In accordance with the requirements set out in Measure A8, such a system may subsequently be taken in charge subject to meeting the relevant criteria as set out in appropriate Circular.

Kilmihill and Kiladysert

A project to provide WWTP capacity at Kilmihill is at detailed design stage. A project at Kiladysert WWTP is currently at feasibility stage. Both projects are subject to the statutory consents process. It may be premature to zone additional lands pending the completion of the statutory approvals process. As noted above, the Draft Water Services Guidelines for Planning Authorities (Jan 2018), Section 5 generally advises against alternatives to public water services infrastructure.

EPA Code of Practise

References are made within Volume 3 to the EPA Code of Practise for On Site Waste Water Treatment Systems, the title of this document should be confirmed. Reference could instead be made to DPO CDP 11.32 Wastewater Treatment and Disposal.

Newmarket on Fergus – R5 and R6

Both R5 and R6 require the provision of 'appropriate wastewater treatment facilities'. As noted above, the Draft Water Services Guidelines for Planning Authorities (Jan 2018), Section 5 advises against alternatives to public water services infrastructure.

Newmarket-on-Fergus is served by a public wastewater network and treatment plant. The WWTP is currently not compliant with Wastewater Discharge Licence emission limit values but is capable of achieving at least Urban Wastewater Treatment Directive standards. Potential availability of capacity in this case would be dependent on any additional load not resulting in a significant breach of the combined approach as set out in Regulation 43 of the WasteWater Discharge (Authorisation) Regulations 2007, and connection applications are to be assessed on an individual basis considering their specific load requirements. A project to provide license-compliant capacity is planned and due for completion in 2025, subject to the necessary approvals.

The location of sites R5 and R6 on the extremity of the town should also be reviewed in the context of compact growth principles. Site R5 is c.300m from the nearest public sewer network.

6.8.1 South Clare/University of Limerick Economic Strategic Development Zone

It is understood from the Draft Plan that the population allocation for the proposed SDZ is largely expected to be realised beyond the lifetime of the Draft Plan. The proposed fully developed SDZ has the potential to require significant network reinforcements as well as treatment plant upgrades. Depending on the extent of development, network reinforcements required may include network extensions, upgrades of existing strategic networks, new/ upgraded pumping stations, provision of additional storage at Newcastle reservoir. The exact extent and timing of works required to cater for this development will depend on the size of the load (including student and non-domestic loads) and the timing and phasing schedule of the proposed development. Further to this, IW supports CCC's decision to adopt a plan-led approach for this innovative development. Continued engagement, in particular through the two-year planning period following SDZ designation, is requested. Reference should be made in Section 6.8.1 to infrastructure requirements to service the full extent of the proposed SDZ.

Where network reinforcements such as upgrades or extensions are required, these shall be developer driven unless there are committed IW projects in place to progress such works. Developers may be required to contribute to the costs of required upgrades, in accordance with the requirements of the Commission for Regulation of Utilities approved, Irish Water Connection Charges policy.

DPO CDP 6.27 Data Centres

Suggested amendment:

*It is an objective of Clare County Council: To facilitate and support the development of a data centre on the Enterprise zoned lands (ENT 3) at Toureen Enniscontext of Climate Change and our commitment in CAP 2021 to achieve a reduction of 51% in GHG emissions by 2030. **Best practise water conservation measures and water-efficient technologies will be required in any data centre development.***

This addition should also be considered for Vol 3a, 2.14 Technical Guidance – Transformational and Opportunity Sites

CDP 11.2.9 Road Network

A project is ongoing to provide license-compliant wastewater treatment capacity for growth in Ennistymon and Lahinch. The proposed solution is a new WWTP serving both settlements; confirmation of a preferred site is currently underway and, if confirmed and progressed to delivery, may potentially lead to the intensification of traffic on a local road that accesses the N67 between Ennistymon and Lahinch.

Irish Water also note a new wastewater treatment plant at Ballyvaughan is planned, with access onto the R477 proposed.

These projects are necessary to meet strategic growth and environmental objectives in local, regional and national planning policy and therefore, Irish Water request any necessary provisions are made within Vol1 Section 11.2.9 of the Draft Plan to facilitate these projects. We would be happy to engage further with TII and CCC on the above.

Proposed Land Use Zonings amendments

Available GIS data on pipe networks and diameter within some settlements in County Clare is limited. Available network information indicates network extensions may be required to service some zoned sites proposed in the Material Amendments. Depending on the extent of development realised, localised network upgrades may also be required, particularly in areas served by 150mm diameter sewers or watermains with a diameter of 80mm or less. Land use zoning amendments identified as potentially requiring upgrades and/ or network extensions include, but are not limited to,; Ennis Ent 4, Ent 5, R12, R20, R22 and LDR14, Parteen SR1, Killaloe R6, Tulla R3, Feakle SR2 (>200m extension), Quin SR4, Lahinch R3, Kilkee R8, Milltown Malbay, R3, R4, Mullagh R3 (c.400m extension), Newmarket-on-Fergus R5 (c.300m extension),

Third-party agreement may be required where it is proposed to service a new development via private property or private water services infrastructure. Land use zoning amendments identified as potentially requiring third party permissions include, but are not limited to,; Ennis R16, LDR12, LDR14, Corofin R5, Mullagh R4.

Where network reinforcements such as upgrades or extensions are required, these shall be developer driven unless there are committed IW projects in place to progress such works.

All new residential and commercial/ industrial developments wishing to connect to an Irish Water network are to be assessed through Irish Water's Connections and Developer Service process which will determine the exact requirements in relation to network and treatment capacity. Connections to Irish Water networks are subject to our Connections Charging Policy. Further information on this process is available at: <https://www.water.ie/connections/developer-services/>.

Where Irish Water assets are within a proposed development site, these assets must be protected or diverted. If there is a possibility that Irish Water assets will need to be altered or diverted as a result of a proposed development, a diversion agreement may be required. Further information on this process is available at: <https://www.water.ie/connections/developer-services/diversions/>. Development in the vicinity of IW assets must be in accordance with IW's standard details and codes of practise. Land use zoning amendments identified where Irish Water assets are within the site include, but are not limited to: Ennis SR4, SR5, R21, R23 and R9, MU6B, R17, R20, Tulla R3, Lahinch R2, Ballyvaughan R3. Of note, a 375mm diameter trunk watermain and a sewer are within the new residential site in Sixmilebridge.

Killaloe East WWPS, Firhill WWPS (Parteen) and Woodstock Drive WWPS (Ennis C6) are on lands with zoning amendments proposed. Any proposed developments must have regard to Irish Water Standards and Codes of Practise, in particular, the minimum distances between properties and pumping stations as set out in IW-CDS-5030-03.

With regard to the proposed land use zoning amendments in areas at risk of flooding; IW note the risk of flooding at a site increases the cost and complexity of providing and operating the necessary water services infrastructure.

Several zoning amendments are in close proximity to WWTPs e.g. Liscannor R3, Corofin R3; Ennis Com9, any future development of these lands should take account of the established use of the existing wastewater treatment plant and the potential for extensions / intensification of use of the WWTP in the future. With regard to Ennis Com9, we note a project to upgrade Ennis WWTP is at an early stage and while the proposed solution is yet to be confirmed, it is possible that land acquisition will be required.

Several sites are on the extremity of settlements and may compromise the achievement compact growth objectives e.g. Killaloe R6, Mullagh R3, Newmarket-on-Fergus R5. Such sites generally

require a greater level of upgrade works to connect to the public network. The proposed amendments also include an increased quantum of strategic reserve lands, the need for which is unclear.

In Ennis, a Drainage Area Plan (DAP) commenced in 2022 and will assess the wastewater network in detail to identify issues and needs, including constraints at Tulla Road and Francis St pumping stations. Irish Water will engage with Clare County Council to ensure planned growth is taken account of in this study.

In Lahinch and Ennistymon in particular, stormwater separation in both agglomerations is strongly encouraged to free up capacity for development, preferably using Nature-based sustainable drainage solutions.

With regard to the proposed amendment, Ballycannan North (Meelick)- R1 West of Shop and REC2:

Detailed proposals for the disposal of foul water for the overall site area, ensuring that there will be no negative impact on the water quality in the area, shall be included as part of the overall Masterplan for the site.

Irish Water notes a project to connect the settlement to the Limerick City agglomeration (Bunlicky WWTP) is ongoing and is expected to be completed within the Development Plan period. It is envisaged that with the proposed works, sufficient spare treatment capacity will be available. Developers are encouraged to submit a pre-connection enquiry.

With regard to additional text regarding servicing of Cratloekeel on page 62 of Volume 3b, note IW currently have no plans to extend the Limerick wastewater network to Cratloekeel.

Vol 3 Miltown Malbay

Suggest amendment:

Miltown Malbay is served by water from the West Clare Regional Water Supply and, it is envisaged that with the ongoing and proposed Irish Water works within the West Clare Water Resource Zone, sufficient spare capacity will be available to cater for the core strategy population allocation. ~~with the planned works there is sufficient capacity to meet the needs of the target population.~~

Vol 3 Ballyvaughan

Suggested amendment:

A new wastewater treatment plant, pumping station including pipework extensions are planned and it is expected that the project will be completed in 2026, subject to the statutory approvals process.

Vol 3 Doonbeg

IW welcomes the exclusion of reference to the EPA Code of Practise for Wastewater Treatment for site R2, and suggest similar deletion for site R1. As Doonbeg is served by a public WWTP, compliance is required with the relevant authorisation issued by the EPA.

Environmental Reports

The contents of this submission should be taken account of in the Environmental Reports.

Yours Sincerely,

Elaine Heneghan

Elaine Heneghan

Regional Forward Planning Specialist
Asset Strategy

Irish Water Water Services Summary Table - Water Supply
For Draft Clare County Development Plan Proposed Amendments Public Consultation 2023-2029
January 2023
Subject to change



Settlement	2016 Population	2023-2029 Population Target + Unmet Population	Irish Water WRZ	Irish Water Water Supply Comment
Corofin	751	101	Corofin WRZ	It is envisaged there is adequate capacity available to cater for the core strategy population allocation.
Ennis	25,276	3,456	Ennis WRZ	It is envisaged there is adequate capacity available to cater for the core strategy population allocation. EM-RWRP preferred solution is to upgrade Drumcliffe WTP, increase abstraction and further leakage reduction. Monitoring is required to fully understand the yield availability, and if sustainability issues arise, a connection to Limerick City (Clareville WTP) could potentially be required in the longer term to supplement supply.
Clarecastle (Ennis figure)			Ennis WRZ	As above.
Crusheen	534	38	Ennis WRZ	As above.
Shannon	9,899	1,029	Shannon/ Sixmilebridge WRZ	It is envisaged there is adequate capacity available to cater for the core strategy population allocation. A project to upgrade Castle Lake WTP is planned and will be completed within the lifetime of the Draft Plan, subject to the necessary approvals.
Sixmilebridge	2,669	340	Shannon/ Sixmilebridge WRZ	As above.
Bunratty	375	66	Shannon/ Sixmilebridge WRZ	As above.
Cratloe	926		Shannon/ Sixmilebridge WRZ	As above.
Newmarket-on-Fergus	1,968	235	Shannon/ Sixmilebridge WRZ	As above.
Tulla	759	67	Shannon/ Sixmilebridge WRZ	As above.
Kilkishen	592	45	Shannon/ Sixmilebridge WRZ	As above.
Quin	984	96	Shannon/ Sixmilebridge WRZ	As above.
Ennistymon/ Lahinch	1,567	302	Ennistymon WRZ	Limited capacity at present however, leakage reduction and upgrade of Ballymacraven WTP underway. It is envisaged that, with these proposed measures, there will be adequate capacity to cater for the core strategy population allocation over the lifetime of the Draft Plan. Longer term, interconnection to the West Clare WRZ planned.
Lisdoonvarna	800	88	Ennistymon WRZ	As above.
Ballyvaughan	327	40	Ennistymon WRZ	As above.
Liscannor	182	14	Ennistymon WRZ	As above.
Kilfenora	290	32	Ennistymon WRZ	As above.
Feakle	250	34	Feakle WRZ	It is envisaged there is adequate capacity available to cater for the core strategy population allocation.
Killaloe	1,393	190	Killaloe WRZ	It is envisaged there is adequate capacity available to cater for the core strategy population allocation.
SDZ		197	Limerick City WRZ	It is envisaged there is adequate capacity available to cater for the projected core strategy population growth however, a WTP upgrade may be required in the medium term. SDZ- At a minimum, the works required to facilitate the full proposed SDZ will include an extension of the trunk water network. Depending on the demand requirements, increased storage at Newcastle reservoir, significant network upgrades and WTP upgrade may also be required.
Clonlara	684	142	Limerick City WRZ	As above.
Parteen	834	90	Limerick City WRZ	As above.

Irish Water Water Services Summary Table - Water Supply
For Draft Clare County Development Plan Proposed Amendments Public Consultation 2023-2029
January 2023
Subject to change



Settlement	2016 Population	2023-2029 Population Target + Unmet Population	Irish Water WRZ	Irish Water Water Supply Comment
Ballycannon	917	42	Limerick City WRZ	As above.
North(Meelick)				
Ardnacrusa	1,351	Part of unserved rural area	Limerick City WRZ	As above.
Athlunkard	3,486	227	Limerick City WRZ	As above.
Mountshannon	170	13	Mounthshannon WRZ	Leakage reduction and/or augmenting borehole supply may be required. It is envisaged that with the proposed works there will be adequate capacity available to cater for the projected growth.
Whitegate	207	14	Mounthshannon WRZ	As above.
Inagh	247	18	Not served by IW	N/A
O'Briensbridge	325	N/A	O'Briensbridge WRZ	N/A
Scarriff/ Tuamgraney	805	180	Scarriff WRZ	Limited capacity available at present. Additional capacity is required to facilitate the proposed increase in population. Groundwater investigations underway to augment supply and WTP capacity upgrade at scoping stage. It is anticipated that these works will be completed within the lifetime of the Draft Plan and will cater for the projected population allocation.
Kilrush/Cappa	2,489	402	West Clare WRZ	WTP upgrade nearing completion. Temporary additional WTP being delivered in the short-term to address uncertainties surrounding the retention of Moneypoint power station. It is envisaged that with the proposed works, sufficient spare capacity will be available to cater for the core strategy population allocation.
Kilkee	1,155	180	West Clare WRZ	As above.
Miltown Malbay	769	69	West Clare WRZ	As above.
Doonbeg	342	59	West Clare WRZ	As above.
Mullagh	146	26	West Clare WRZ	As above.
Quilty	211	30	West Clare WRZ	As above.
Killimer	146	10	West Clare WRZ	As above.

Legend

WTP: Water Treatment Plant
PWS: Public Water Supply
PS: Pumping Station
EM-RWRP: Eastern and Midlands Regional Water Resources Plan
NWRP: National Water Resources Plan
WRZ: Water Resource Zone

The above table is based on available information at date of issue and is subject to change. It is to be in read in conjunction with Irish Water's response letter.

Irish Water Water Services Summary Table - Wastewater Treatment
For Draft Clare County Development Plan Proposed Amendments Public Consultation 2023-2029
January 2023
Subject to change



Settlement	2016 Population	2023-2029 Population Target + Unmet Population	Irish Water Wastewater Treatment Comment
Ennis	25,276	3,456	<p>It is envisaged there is adequate capacity available to cater for the core strategy population allocation in Ennis. Ennis is primarily served by the Clonroadmore WWTP which has a capacity of 31,500pe and is capable of meeting WWDL ELVs.</p> <p>Ennis also has a second WWTP, serving the Clareabbey area, which is currently not compliant with WWDL ELVs but is capable of achieving at least UWW standards. Connection applications will be assessed on a case by case basis. Refer to WWCR for further information.</p> <p>Projects to upgrade Clareabbey and Clonroadmore WWTPs are at feasibility stage. Developers planning significant developments are encouraged to engage with IW as soon as possible to ensure any additional treatment capacity necessary is included in the upgrade projects. New connections are subject to IW's Connections Charging Policy. In addition, inlet works and a storm tank are to be installed in Clareabbey WWTP in 2022/2023, which will improve treatment performance and increase capacity at the plant to 10,900pe and facilitate the connection of Clarecastle agglomeration to Clareabbey.</p>
Shannon	9,899	1,029	<p>WWTP upgrade recently completed. It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability).</p>
SDZ		197	<p>We envisage that the proposed wastewater discharge for the full SDZ would be treated at Bunlicky WWTP however, confirmation of the connection point location, plus the timing and extent of the upgrades or extensions required, will depend on the size of the load (including student and non-domestic loads) and the timing and phasing schedule of the proposed development.</p> <p>At a minimum, the works required to facilitate the full proposed SDZ will include an extension of the trunk wastewater network. Depending on the load requirements, new pumping station(s), upgrades of the existing strategic network and/or a WWTP upgrade may also be required.</p> <p>It is envisaged that with the planned upgrade of Bunlicky WWTP, there will be adequate capacity available to cater for the full SDZ. It is understood from the core strategy that this full SDZ population allocation is largely expected to be realised beyond the lifetime of the Draft Plan.</p> <p>Initial connections for the core strategy allocation may potentially be catered by connection to the Castletroy network and WWTP.</p>
Sixmilebridge	2,669	340	<p>It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability).</p>
Athlunkard	3,486	227	<p>Served by Bunlicky WWTP. It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability). Project to provide additional capacity underway.</p>
Bunratty	375	66	<p>Served by Shannon WWTP. WWTP upgrade recently completed. It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability).</p>
Clonlara	684	142	<p>Served by Bunlicky WWTP. It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability). Project to provide additional capacity underway.</p>
Parteen	834	90	<p>Served by Bunlicky WWTP. It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability). Project to provide additional capacity underway.</p>
Ballycannon North(Meelick)	917	42	<p>A project to connect the settlement to the Limerick City agglomeration (Bunlicky WWTP) is scheduled for completion in the lifetime of the Draft Plan. It is envisaged that with the proposed works, sufficient spare treatment capacity will be available to cater for the projected growth.</p>
Ardnacrusha	1,351	Part of unserved metro area	<p>Unsewered. Included in DHLGH-led pilot study identifying potential solutions and costings for unsewered settlements with failing Developer Provided Infrastructure (DPI), business case submitted to DHLGH.</p>
Cratloe	926		<p>Not served by an IW WWTP.</p>
O'Briensbridge	325		<p>Not served by an IW WWTP.</p>

Irish Water Water Services Summary Table - Wastewater Treatment
For Draft Clare County Development Plan Proposed Amendments Public Consultation 2023-2029
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Settlement	2016 Population	2023-2029 Population Target + Unmet Population	Irish Water Wastewater Treatment Comment
Ennistymon/ Lahinch	1,567	302	At present, there is limited potential spare capacity at both WWTPs. Both WWTPs currently not compliant with WWDL ELVs but are capable of achieving at least UWW standards. A combined project is progressing to provide additional capacity and improve performance at both settlements. The project is currently at the detailed design stage; as well as the technical design (including marine modelling of the outfall), statutory approvals are required for the Project, which include planning, land acquisition, EPA Licence review, foreshore licence, and environmental assessments which must follow due process and as such can take some time to complete. It is anticipated that the project will be completed within the latter half of the Draft Plan period, subject to the receipt of planning and other statutory consents, and will have sufficient spare capacity available to cater for the core strategy population allocation. Prior to completion of the project, there is potential to accommodate a limited amount of new development. Connection applications will be assessed on an individual basis considering their specific load requirements. Stormwater separation in both agglomerations strongly encouraged to free up capacity for development, preferably using Nb-suds.
Kilrush/Cappa	2,489	402	Project to provide a new WWTP at construction stage and expected to be completed in 2023. It is envisaged that with the proposed works, sufficient spare capacity will be available to cater for the core strategy population allocation.
Scarriff/ Tuamgraney	805	180	It is envisaged there is adequate capacity available to cater for the projected population growth (to WWDL ELV capability).
Kilkee	1,155	180	No spare capacity at present (untreated agglomeration). Project to provide a new WWTP at detailed design stage and expected to be completed after 2024 but within the lifetime of the Draft Plan, subject to the necessary planning approvals. It is envisaged that with the proposed works, sufficient spare capacity will be available to cater for the core strategy population allocation.
Killaloe	1,393	190	No spare capacity at present. Project to provide additional capacity underway and expected to be completed in 2025. It is envisaged that with the proposed works, sufficient spare capacity will be available to cater for the projected growth.
Lisdoonvarna	800	88	It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability).
Miltown Malbay	769	69	Potential spare capacity, connection applications will be assessed on an individual basis considering their specific load requirements. WWTP currently not compliant with WWDL ELVs but is capable of achieving at least UWW standards. Refer to WWCR for further information. Strategic assessment underway as part of the STVGP, with a view to preparing a project for consideration in the next investment period (2025-2029), subject to governance and regulatory approvals.
Newmarket-on-Fergus	1,968	235	Potential spare capacity to cater for population targets. WWTP has capacity available however, the plant is currently not compliant with WWDL ELVs but is capable of achieving at least UWW standards. Connection applications will be assessed on an individual basis considering their specific load requirements. Refer to WWCR for further information. WWTP upgrade project to improve compliance underway and expected to be completed in 2025.
Tulla	759	67	Potential spare capacity to cater for population targets. WWTP has capacity available however, the plant is currently not compliant with WWDL ELVs but is capable of achieving at least UWW standards. Connection applications will be assessed on an individual basis considering their specific load requirements. Refer to WWCR for further information.
Ballyvaughan	327	40	No spare capacity at present (untreated agglomeration). Project to provide a new WWTP at detailed design stage and will be completed within the lifetime of the Plan, subject to the necessary approvals. It is envisaged that with the proposed works, sufficient spare capacity will be available to cater for the projected growth.
Clarecastle (Ennis figure)			Untreated agglomeration. A capital project is underway to pump the wastewater load from Clarecastle to Clareabbey WWTP, due to commence construction in 2022.
Corofin	751	101	It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability).
Crusheen	534	38	It is envisaged there is adequate capacity available to cater for the projected growth (to WWDL ELV capability).
Doonbeg	342	29	Potential spare capacity to cater for population targets. WWTP has capacity available however, the plant is currently not compliant with WWDL ELVs but is capable of achieving at least UWW standards. Connection applications will be assessed on an individual basis considering their specific load requirements. Refer to WWCR for further information. Project underway via STVGP to improve compliance and provide additional capacity. It is envisaged that with the proposed works, sufficient spare capacity will be available to cater for the projected growth within the lifetime of the Draft Plan.
Feakle	250	34	It is envisaged there is adequate capacity available to cater for the core strategy population allocation.

Irish Water Water Services Summary Table - Wastewater Treatment
For Draft Clare County Development Plan Proposed Amendments Public Consultation 2023-2029
January 2023
Subject to change



Settlement	2016 Population	2023-2029 Population Target + Unmet Population	Irish Water Wastewater Treatment Comment
Inagh	247	18	It is envisaged there is adequate capacity available to cater for the core strategy population allocation (to WWDL ELV capability).
Kilkishen	592	45	Limited spare capacity available (ca50pe). An upgrade to increase capacity will be required if full growth allocation realised.
Mountshannon	170	13	It is envisaged there is adequate capacity available to cater for the the core strategy population allocation. Some upgrade works would be required to cater for the proposed Inis Cealtra visitor centre.
Mullagh	146	26	It is envisaged there is adequate capacity available to cater for the the core strategy population allocation.
Quilty	211	30	It is envisaged there is adequate capacity available to cater for the the core strategy population allocation (to WWDL ELV capability).
Quin	984	96	WWTP upgrade recently completed. It is envisaged there is adequate capacity available to cater for the the core strategy population allocation (to WWDL ELV capability).
Whitegate	207	14	It is envisaged there is adequate capacity available to cater for the the core strategy population allocation.
Liscannor	182	14	Untreated agglomeration. Project to provide a new WWTP at construction stage and expected to be completed in 2023. It is envisaged that with the proposed works, sufficient spare capacity will be available to cater for the the core strategy population allocation.
Kilfenora	290	32	Project to upgrade the WWTP at construction stage and expected to be completed in 2023. It is envisaged that with the proposed works, sufficient spare capacity will be available to cater for the the core strategy population allocation.
Killimer	146	10	It is envisaged there is adequate capacity available to cater for the the core strategy population allocation. Killimer WWTP serves only the housing estate adjacent to R2. Developer-led extensions would be required to service other zoned sites.

Legend

DAP: Drainage Area Plan
 ELV: Emission Limit Values
 NDP: Network Development Plan
 PS: Pumping Station
 p.e.: Population Equivalent
 WWTP: Wastewater Treatment Plant
 WWDL: Wastewater Discharge License
 WWCR: 2021 Wastewater Treatment Capacity Register
 UWWTD: Urban Wastewater Treatment Directive

The above table is based on available information at date of issue and is subject to change. It is to be in read in conjunction with Irish Water's response letter.