



MID ULSTER

Addendum - Position Paper – Public Utilities

Revised WWTW Capacity Figures

January 2019

1.0 Introduction

- 1.1 The purpose of this paper is to provide an update on some of the information used in the Position Paper on Public Utilities, which was compiled in May 2015 and in the Preferred Options Paper (POP) that was published in November 2016.
- 1.2 The original position paper was intended to inform the newly established council on the provision and spare capacity of our public utilities in order to assist judgements on the allocation of housing growth and other development in the new Local Development Plan (LDP). This paper provides information specifically in relation to WWTW capacity and networks serving our district following receipt of updated information and figures from NI Water.

2.0 WWTW Capacity Figures

- 2.1 NI Water is responsible for the provision of sewerage throughout Mid Ulster. Mid Ulster District will need approximately 10,950 new houses by 2030¹ therefore, it is important that we understand the impact that these new homes may have on the capacity of the sewage network throughout Mid Ulster.
- 2.2 While preparing the original position paper, only information for the capacity of WWTW were included for the Magherafelt area. The information contained within the Cookstown and Dungannon plans relating to the capacity of WwTW was collected from the relevant authority some time prior to the preparation of the paper and due to the passage of time could not be included in the paper. NI Water have since provided new information about the capacity of WWTW in Mid Ulster. However the information provided in the POP related to WWTW across our district.
- 2.4 The table at Appendix 1 shows the full list of WWTW which serve individual settlements throughout Mid Ulster. Table 1 below then also provides the updated information on the capacity of WWTW for the purpose of the new Local Development Plans. Information has also been provided on where there are plans to update the current WWTW systems throughout the area and where available NI Water have also provided information on network capacity.
- 2.5 The full table provided by NI Water is also appended at Appendix 2 and includes the 'traffic light' indication of the current planning status, which is at a point in time and continues to change as development comes forward.

Table 1

Updated Information on the Capacity of WWTW for the Purpose of the new Local Development Plans.

¹ Derived from calculations which are based on the most recent HGIs published by DFI.

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Cookstown	New connections permitted – Capacity available	Reasonable capacity for growth of up to 30%.	Desertcreat, Dunman, Sandholes and Tullyhogue Catchments are pumped into Cookstown WwTW. In addition, wastewater network capacity issues are emerging due to sewer network modelling being undertaken in Cookstown. Because of this, new connections are being declined in parts of the catchment.
Dungannon	Restriction on new connections – Capacity limited.	Insufficient capacity for further growth.	A scheme exists within NI Water's Business Plan 2015-2021 to upgrade this facility. Granville, Killyman and Moygashel catchments are pumped into Dungannon WwTW. In addition, wastewater network capacity issues are emerging due to sewer network modelling activities being undertaken in Dugannon. As a result of this, new connections are being declined in parts of the catchment.
Magherafelt	New connections permitted – Capacity available.	Limited capacity for 10% growth and insufficient capacity for growth of 20%-30%.	Castledawson and Annaghmore catchments are pumped into Magherafelt WwTW. In addition, wastewater network capacity issue are emerging due to sewer network modelling activities being undertaken in Magherafelt. As a result of this, new connections are being declined in parts of the catchment.

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Coalisland	New connections permitted – capacity available.	Reasonable capacity for further growth.	Ballynakilly, Dernagh / Clonoe, Edendork, Killybracky and The Bush catchments are pumped to Coalisland WwTW. In addition, wastewater network capacity Issues are emerging due to sewer network modelling activities being undertaken in Coalisland. As a result of this, new connections are being declined in parts of the catchment.
Maghera	New connections permitted – capacity available.	Reasonable capacity for 10% growth however limited capacity for growth of 20%-30%.	Glen catchment is pumped to Maghera WwTW. In addition, wastewater network capacity issues are emerging due to sewer network modelling activities being undertaken in Maghera. As a result of this, new connections are being declined in parts of the catchment.
Draperstown	New connections permitted – capacity available.	Reasonable capacity for growth of up to 30%.	Straw catchment is pumped to Draperstown WwTW.
Moy	New connections refused – no capacity.	Limited capacity for further growth up to 20%, no capacity for 30% growth.	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Moneymore	New connections permitted – capacity available.	Insufficient capacity for 10% growth	
Fivemiletown	New connections refused – no capacity.	Limited capacity for 105 growth	
Creagh	New connections permitted – capacity available.	Works have reasonable capacity for growth of up to 30% in Creagh.	
Donaghmore	New connections permitted - capacity available.	Reasonable capacity for growth of up to 30% in Donaghmore.	
Bellaghy	New connections permitted – capacity available.	Limited capacity for further growth up to 20% and insufficient capacity for 30% growth.	
Aughnacloy	Restrictions on new connections – capacity limited.	Limited capacity for further growth of 10% and insufficient capacity for growth of 20%-30%.	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Caledon	New connections permitted – capacity available.	Reasonable capacity for 10%-20% growth and limited capacity for 30% growth.	
Stewartstown	New connections permitted – capacity available.	Works have limited capacity for any growth in Stewartstown.	
Ballygawley	New connections refused – no capacity available.	Limited capacity for growth of 10%-20% and insufficient capacity for 30% growth.	
Tobermore	New connections permitted – capacity available.	Reasonable capacity for 30% growth.	
Coagh	New connections permitted – capacity available.	Reasonable capacity for 10% growth however limited capacity for 20%-30%.	
Clogher	Restrictions on new connections – capacity limited.	Works reaching capacity for 10% growth and there is Insufficient capacity for further growth of 20-30%	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Swatragh	New connections permitted – capacity available.	Reasonable capacity for a further 10%-20% growth however there is limited capacity for a further 30% growth.	
Tamnamore	New connections permitted – capacity available.	Reasonable capacity for a further 10%-20% growth however there is limited capacity for 30% growth.	
Cluntoe (Richardson)	New connections permitted – capacity available.	Reasonable capacity for up to 30% growth.	Serves Moortown catchment.
Cabragh	New connections refused – no capacity.	Works has insufficient capacity for further growth.	
Killeen (Tyrone)	Restriction on new connections	Works has insufficient capacity for further growth.	
Augher	Restriction on new connections – capacity limited.	Limited capacity for further growth.	
Eglis (Tyrone)	New connections refused – no capacity.	Insufficient capacity for further growth.	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Ballyronan	New connections refused – no capacity.	Insufficient capacity for further growth.	No headroom – not identified for upgrade within the current Business Plan (2015/2021).
Benburb	New connections permitted – capacity available.	Reasonable capacity for growth in of up to 30%.	
Castlecaufield	New connections permitted – capacity available.	Reasonable capacity for growth of up to 30%.	
Pomeroy	New connections permitted – capacity available.	Reasonable capacity for growth of up to 30%.	
Upperlands	New connections permitted – capacity available.	There is reasonable capacity for up to 10% growth however there is insufficient capacity for growth between 20%-30%.	Culnady catchment pumped to Upperlands WwTW.
Newmills	Restricted on new connections – capacity limited.	Limited capacity for growth up to 20% and insufficient capacity for 30% growth.	
Gulladuff	New connections permitted – capacity available.	Reasonable capacity for up to 30% growth.	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Mountjoy (Dungannon)	New connections permitted – capacity available.	Reasonable capacity for up to 30% growth.	Serves Brockagh / Mountjoy catchment.
Derrycrin	New connections refused – no capacity.	Works has insufficient capacity for further growth.	Serves Ballinderry catchment. No headroom – not identified for upgrade within current Business Plan (2015 – 2021).
Galbally	New connections permitted – capacity available.	Reasonable capacity for a 10%-20% growth however there is limited capacity for a 30% growth.	
Desertmartin	Restriction on new connections – capacity limited.	Insufficient capacity for further growth.	
Dunnamore	New connections permitted – capacity available.	Limited capacity for further growth.	
Orritor	New connections permitted – capacity available.	Reasonable capacity for further growth of up to 30%.	
Knockloughrim	Restriction on new connections – capacity limited.	Insufficient capacity for further growth.	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Moneyneany	New connections permitted – capacity available.	Reasonable capacity for 10% growth here however there is limited capacity for further growth of 20%-30%.	
Redford	New connections refused – no capacity.	Insufficient capacity for further growth here.	
Portglenone	New connections permitted – capacity available.	Limited capacity for further growth up to 20%, insufficient capacity for growth up to 30%	Portglenone WwTW (Mid and East Antrim) serves Clady, Glenone and Inishrush drainage catchment.
The Loup	New connections refused – no capacity.	Insufficient capacity for further growth here.	
Drapersfield	New connections permitted – capacity available.	Reasonable capacity for further growth of up to 30%.	
Drumullan	New connections permitted – capacity available.	Reasonable capacity for further growth of up to 30%.	
Tamlaght O'Crilly	New connections permitted – capacity available.	Reasonable capacity for further growth of up to 30%.	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Killymuck	New connections permitted – capacity available.	Limited capacity for growth up to 20% and insufficient capacity for growth of 30%	
The Rock	Restriction on new connections – capacity limited.	Works at or reaching capacity	
Curran	Restriction on new connections – capacity limited.	Works at or reaching capacity	
Edencrannon	Restriction on new connections – capacity limited.	Works at or reaching capacity	
Lisdoart	Restriction on new connections – capacity limited.	Works at or reaching capacity	
Ballymaguigan	Restriction on new connections – capacity limited.	Works at or reaching capacity	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Longfield (Mooreville Villas)	Restriction on new connections – capacity limited.	Works at or reaching capacity	
Cappagh	New connections refused – no capacity.	Reasonable capacity for growth up to 30%.	A scheme exists within NI Water's Business Plan (2015-2021) to upgrade this facility.
Waterfoot Road	New connections refused – no capacity.	Insufficient capacity for growth.	
Curglasson	Restriction on new connections – capacity limited.	Works at or reaching capacity	A scheme exists within NI Water's Business Plan (2015-2021) to upgrade this facility.
Killross	Restriction on new connections – capacity limited.	Works at or reaching capacity.	A scheme exists within NI Water's Business Plan (2015-2021) to upgrade this facility.
Killybaskey	New connections refused – no capacity.	Insufficient capacity for further growth.	
Noone Vale	Restriction on new connections – capacity limited.	Works at or reaching capacity	
Carnan	Restriction on new connections – capacity limited.	Works at or reaching capacity.	

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Local Development Plan Status	Comments
Dyan	Restriction on new connections – capacity limited.	Works at or reaching capacity .	
Carmean	New connections refused – no capacity.	Insufficient capacity for further growth.	
Donaghey (2)	New connections refused – no capacity.	Insufficient capacity for further growth.	
Killygonlan	New connections refused - no capacity.	Insufficient capacity for further growth.	Serves Ardboe.

3.0 Impact on Housing Provision

3.1 The growth model that we are proposing in our new LDP in relation to housing growth has been applied to the capacity information supplied by NI Water. This reveals that there are a very limited number of settlements where capacity issues may arise if housing growth were to occur in the future. Table 3 below sets out these settlements together with the required levels of growth and relevant WWTW capacity. These are issues that we will have to continue to engage with NIW on as we progress our LDP and particularly at the second stage of the process when we are looking at settlement limits, zonings and key site requirements.

Table 3

SETTLEMENT	HOUSING DEFICIT * <small>* in that there are less committed units within the settlement than would be required to ensure sufficient growth was accommodated</small>	HOUSING LOCAL INDICATORS % GROWTH NEEDED	SUFFICIENT WWTW CAPACITY?
COOKSTOWN	638	14%	YES
BALLYNAKILLY **	3	3%	YES
BROCKAGH / MOUNTJOY	10	7%	YES
CARNTEEL	2	20%	?
CLADY ***	26	13%	YES – WORKS REACHING 20% CAPACITY LIMIT
CREAGH	22	23%	YES
CULNADY*	6	10%	YES
DESERTCREAT	2	20%	YES
DERNAGH / CLONOE **	21	19%	YES
DONAGHEY	2	20%	NO
DUNMAN	4	20%	YES
DYAN	3	19%	YES – WORKS REACHING 20% CAPACITY LIMIT
EDENDORK	2	2%	YES
GLEN	10	21%	YES – WORKS REACHING 30% CAPACITY LIMIT
GULADUFF	4	3%	YES

SETTLEMENT	HOUSING DEFICIT * * in that there are less committed units within the settlement than would be required to ensure sufficient growth was accommodated	HOUSING LOCAL INDICATORS % GROWTH NEEDED	SUFFICIENT WWTW CAPACITY?
GRANVILLE	20	17%	NO – but Dungannon WWTW upgrade in 2015-2021 business plan
INISHRUSH ***	4	10%	YES – WORKS REACHING 20% CAPACITY LIMIT
KILLEEN	32	22%	NO
LONGFIELD	6	19%	YES – WORKS REACHING 30% CAPACITY LIMIT
SWATRAGH	33	23%	YES – WORKS REACHING 30% CAPACITY LIMIT
TAMLAGHT O'CRILLY	15	23%	YES
THE ROCK	5	12%	YES
UPPERLANDS*	8	4%	YES

* Both Cullnady and Upperlands are served by the Upperlands WwTW facility. The combined growth from the two settlements will be capable of being accommodated by this facility.

** Ballynakilly, Dernagh / Clonoe and Edendork are served by the Coalisland WwTW facility. The combined growth from the two settlements will be capable of being accommodated.

*** Both Clady and Inishrush are served by the Portglenone WwTW facility. The combined growth from the two settlements will be able to be accommodated. Portglenone is the main settlement that uses this WwTW and is part of Mid and East Antrim BC and therefore we have no figures for housing indicators in Portglenone. However, it would be unlikely that there would be a housing indicator in Portglenone big enough to mean that the WWTW would be incapable of accommodating more growth in Clady and Inishrush.

- 3.2 If capacity issues arise in relation to planned growth with the new local development plan there are mitigation options open to us address these so that we continue to progress our plan. Such options may involve phasing of development or ensuring that we attach planning conditions requiring that houses are not occupied until treatment work upgrades take place or the provision of package treatment plants. We will continue to work with NI Water as we progress our LDP and in particular in preparing the LPP







APPENDIX 1

The Table below shows the various settlements in Mid Ulster and the corresponding settlements which they serve.









Settlement	Sewage Works Serving Settlement
Cookstown	Cookstown WwTW
Ardboe	Killygonlan WwTW
Ardrea	<i>None</i>
Ballinderry	Derrycrin WwTW
Ballylifford	Killymuck WwTW
Ballyronan	Ballyronan WwTW
Churchtown	Killybaskey WwTW
Coagh	Coagh WwTW
Desertcreat	Cookstown WwTW
Donaghey	Donaghey WwTW
Draperstown	Draperstown WwTW
Drummullan	Drummullan WwTW
Dunamore	Dunamore WwTW
Dunman	Cookstown WwTW
Gortacladdy	Gortacladdy WwTW
Grange	Grange WwTW
Kileenan	Drumshambo WwTW
Moneymore	Moneymore WwTW
Moortown	Cluntoe Richardson WwTW
Orritor	Orritor WwTW
Pomeroy	Pomeroy WwTW
Sandholes	Cookstown WwTW
Stewartstown	Stewartstown WwTW
The Loup	The Loup WwTW
The Rock	The Rock WwTW
Tullyhogue	Cookstown WwTW
Dungannon	Dungannon WwTW
Coalisland	Coalisland WwTW
Aghaginduff/Cabragh	Cabragh WwTW
Annaghmore	Annaghmore WwTW
Augher	Augher WwTW
Aughnacloy	Aughnacloy WwTW
Ballygawley	Ballygawley WwTW
Ballynakilly	Coalisland WwTW

Settlement	Sewage Works Serving Settlement
Benburb	Benburb WwTW
Brockagh / Mountjoy	Mountjoy WwTW
Caledon	Caledon WwTW
Cappagh	Cappagh WwTW
Carland	None
Carnteel	Carnteel WwTW
Castlecaulfield	Castlecaulfield WwTW
Clogher	Clogher WwTW
Dernagh / Clonoe	Coalisland WwTW
Donaghmore	Donaghmore WwTW
Dyan	Dyan WwTW
Edendork	Coalisland WwTW
Eglish	Eglish WwTW
Fivemiletown	Fivemiletown WwTW
Galbally	Galbally WwTW
Granville	Dungannon WwTW
Killeen	Killeen Dungannon WwTW
Killyman	Dungannon WwTW
Moy	Moy WwTW
Newmills	Newmills WwTW
Tamnamore	Tamnamore WwTW
The Bush	Coalisland WwTW
Tullyallen	Edencrannon WwTW
Magherafelt	Magherafelt WwTW
Maghera	Maghera WwTW
Bellaghy	Bellaghy WwTW
Castledawson	Magherafelt WwTW
Drpaerstown	Draperstown WwTW
Tobermore	Tobermore WwTW
Ballymaguigan	Ballymaguigan WwTW
Ballynease	None
Clady	Portglenone WwTW
Creagh	Creagh WwTW
Culnady	Upperlands WwTW
Curran	Curran WwTW
Desertmartin	Desertmartin WwTW
Glen	Maghera WwTW
Glenone	Portglenone WwTW
Gracefield	No public Infrastructure
Gulladuff	Gulladuff WwTW
Innishrush	Portglenone
Kilross	Kilross WwTW
Knockloughrim	Knockloughrim WwTW
Longfield	Longfield Moorside Villas WwTW
Moneyneaney	Moneyneaney WwTW
Straw	Draperstown WwTW
Swatragh	Swatragh WwTW
Tamlaght	Tamlaght O'Crilly WwTW
Upperlands	Upperlands WwTW
The Woods	Lisnamorrow WwTW




Appendix 2 – Information on Capacity of individual WwTW as Provided by NI Water

Settlements Served by Large Wastewater Treatment Works						
Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Estimation of Capacity based on Growth Factor			Map	Comment
		10%	20%	30%		
Dungannon		x	x	x	1	A scheme exists within NI Water's Business Plan 2015-2021 to upgrade this facility. Granville, Killyman & Moygashel Catchment is pumped to Dungannon WwTW. In addition, wastewater network capacity issues are emerging due to sewer network modelling activities being undertaken in Dungannon. As a result of this new connections are being declined in parts of the catchment.
Cookstown		✓	✓	✓	2	Desertcreat, Dunman, Sandholes & Tullyhogue Catchments is pumped to Cookstown WwTW. In addition, wastewater network capacity issues are emerging due to sewer network modelling activities being undertaken in Cookstown. As a result of this new connections are being declined in parts of the catchment.
Magherafelt		⊘	x	x	3	Castledawson & Annaghmore Catchments is pumped to Magherafelt WwTW. In addition, wastewater network capacity issues are emerging due to sewer network modelling activities being undertaken in Magherafelt. As a result of this new connections are being declined in parts of the catchment.
Key to Current Planning Status			Key to Local Development Planning			
	New connections permitted - Capacity Available		✓	Works has 'Reasonable Capacity'		
	Restriction on new connections - Capacity Limited		⊘	Works is 'At or reaching Capacity'		
	New connections refused - No Capacity		x	Works has 'Insufficient Capacity'		

Settlements Served by Large Wastewater Treatment Works

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Estimation of Capacity based on Growth Factor			Map	Comment
		10%	20%	30%		
Coalisland		✓	✓	✓	4	Ballynakilly, Dernagh, Clonoe, Edendork, Killybracky & The Bush Catchments is pumped to Coalisland WwTW. In addition, wastewater network capacity issues are emerging due to sewer network modelling activities being undertaken in Coalisland. As a result of this new connections are being declined in parts of the catchment.
Maghera		✓	⊘	⊘	5	Glen Catchment is pumped to Maghera WwTW. In addition, wastewater network capacity issues are emerging due to sewer network modelling activities being undertaken in Maghera. As a result of this new connections are being declined in parts of the catchment.
Draperstown		✓	✓	✓	6	Straw Catchment is pumped to Draperstown WwTW
Moy		⊘	⊘	x	7	
Moneymore		x	x	x	8	
Fivemiletown		⊘	⊘	⊘	9	
Creagh		✓	✓	✓	10	
Donaghmore		✓	✓	✓	11	











Key to Current Planning Status

-  New connections permitted - Capacity Available
-  Restriction on new connections - Capacity Limited
-  New connections refused - No Capacity




Key to Local Development Planning

- ✓ Works has 'Reasonable Capacity'
- ⊘ Works is 'At or reaching Capacity'
- x Works has 'Insufficient Capacity'

Settlements Served by Large Wastewater Treatment Works

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Estimation of Capacity based on Growth Factor			Map	Comment
		10%	20%	30%		
Bellaghy		⊖	⊖	×	12	
Aughnacloy		⊖	×	×	13	
Caledon		✓	✓	⊖	14	
Stewartstown		⊖	⊖	×	15	
Ballygawley		⊖	⊖	⊖	16	
Tobermore		✓	✓	✓	17	
Coagh		✓	⊖	⊖	18	
Clogher		⊖	×	×	19	
Ballyronan		×	×	×	20	No Headroom – Not identified for upgrade within Current Business Plan (2015/21)
Benburb		✓	✓	✓	21	
Castlecaulfield		✓	✓	✓	22	
Pomeroy		✓	✓	✓	23	













Key to Current Planning Status

-  New connections permitted - Capacity Available
-  Restriction on new connections - Capacity Limited
-  New connections refused - No Capacity




Key to Local Development Planning

- ✓ Works has 'Reasonable Capacity'
- ⊖ Works is 'At or reaching Capacity'
- ×
- Works has 'Insufficient Capacity'

Settlements Served by Large Wastewater Treatment Works

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Estimation of Capacity based on Growth Factor			Map	Comment
		10%	20%	30%		
Upperlands		✓	⊖	⊖	24	Culnady Catchment is pumped to Upperlands WwTW
Newmills		⊖	⊖	x	25	
Swatragh		✓	✓	⊖	26	
Tamnamore		✓	✓	⊖	27	
Cluntoe (Richardson)		✓	✓	✓	28	Serves Moortown Catchment
Cabragh		x	x	x	29	
Killeen (Tyrone)		x	x	x	30	
Augher		⊖	⊖	⊖	31	
Eglish (Tyrone)		x	x	x	32	
Gulladuff		✓	✓	✓	33	
Mountjoy (Dungannon)		✓	✓	✓	34	Serves Brockagh / Mountjoy Catchment
Derrycrin		x	x	x	35	Serves Ballinderry Catchment. No Headroom – Not identified for upgrade within Current Business Plan (2015/21)





Key to Current Planning Status

-  New connections permitted - Capacity Available
-  Restriction on new connections - Capacity Limited
-  New connections refused - No Capacity




Key to Local Development Planning

- ✓ Works has 'Reasonable Capacity'
- ⊖ Works is 'At or reaching Capacity'
- x Works has 'Insufficient Capacity'

Settlements Served by Large Wastewater Treatment Works

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Estimation of Capacity based on Growth Factor			Map	Comment
		10%	20%	30%		
Galbally		✓	✓	⊘	36	
Desertmartin		x	x	x	37	
Dunnamore		⊘	⊘	⊘	38	
Orritor		✓	✓	✓	39	
Knockloughrim		x	x	x	40	
Moneyneany		✓	⊘	⊘	41	
Redford		x	x	x	42	
Portglenone		⊘	⊘	x	45	Clady, Glenone & Inishrush Drainage Catchment is served by Portglenone WwTW (Mid & East Antrim Council)
The Loup		x	x	x	44	
Drapersfield		✓	✓	✓	45	
Drumullan		✓	✓	✓	46	
Tamlaght O Crilly		✓	✓	✓	47	













Key to Current Planning Status

-  New connections permitted - Capacity Available
-  Restriction on new connections - Capacity Limited
-  New connections refused - No Capacity




Key to Local Development Planning

- ✓ Works has 'Reasonable Capacity'
- ⊘ Works is 'At or reaching Capacity'
- x Works has 'Insufficient Capacity'

Settlements Served by Large Wastewater Treatment Works

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Estimation of Capacity based on Growth Factor			Map	Comment
		10%	20%	30%		
Killymuck		⊖	⊖	×	48	Serves Killymuck
The Rock		⊖	⊖	⊖	49	
Curran		⊖	⊖	⊖	50	
Edencrannon		⊖	⊖	⊖	51	Serves Tullyallen
Lisdoart		⊖	⊖	⊖	52	
Ballymaguigan		⊖	⊖	⊖	53	
Longfield (Moorside Villas)		⊖	⊖	⊖	54	
Cappagh		✓	✓	✓	55	A scheme exists within NI Water's Business Plan 2015-2021 to upgrade this facility.
Waterfoot Road		×	×	×	56	Serves Ballymaguigan
Curglasson		⊖	⊖	⊖	57	A scheme exists within NI Water's Business Plan 2015-2021 to upgrade this facility.
Kilross		⊖	⊖	⊖	58	A scheme exists within NI Water's Business Plan 2015-2021 to upgrade this facility.
Killybaskey		×	×	×	59	







Key to Current Planning Status




-  New connections permitted - Capacity Available
-  Restriction on new connections - Capacity Limited
-  New connections refused - No Capacity

Key to Local Development Planning

- ✓ Works has 'Reasonable Capacity'
- ⊖ Works is 'At or reaching Capacity'
- ×
- Works has 'Insufficient Capacity'

Settlements Served by Large Wastewater Treatment Works

Receiving Wastewater Treatment Works (WwTW)	Current Planning Status	Estimation of Capacity based on Growth Factor			Map	Comment
		10%	20%	30%		
Noones Vale		⊖	⊖	⊖	60	
Carnan		⊖	⊖	⊖	61	
Dyan		⊖	⊖	x	62	
Carmean		x	x	x	63	
Donaghey (2)		x	x	x	64	
Killygonlan		x	x	x	65	Serves Ardboe

Key to Current Planning Status		Key to Local Development Planning	
	New connections permitted - Capacity Available	✓	Works has 'Reasonable Capacity'
	Restriction on new connections - Capacity Limited	⊖	Works is 'At or reaching Capacity'
	New connections refused - No Capacity	x	Works has 'Insufficient Capacity'

