

### Appendices

Appendix A. Plans	65
Appendix B. Precinct Data Sheets	66
Appendix C. Current Servicing Strategy	67
Appendix D. Coordinated Servicing Strategy	68
Appendix E. Authority Correspondence	69



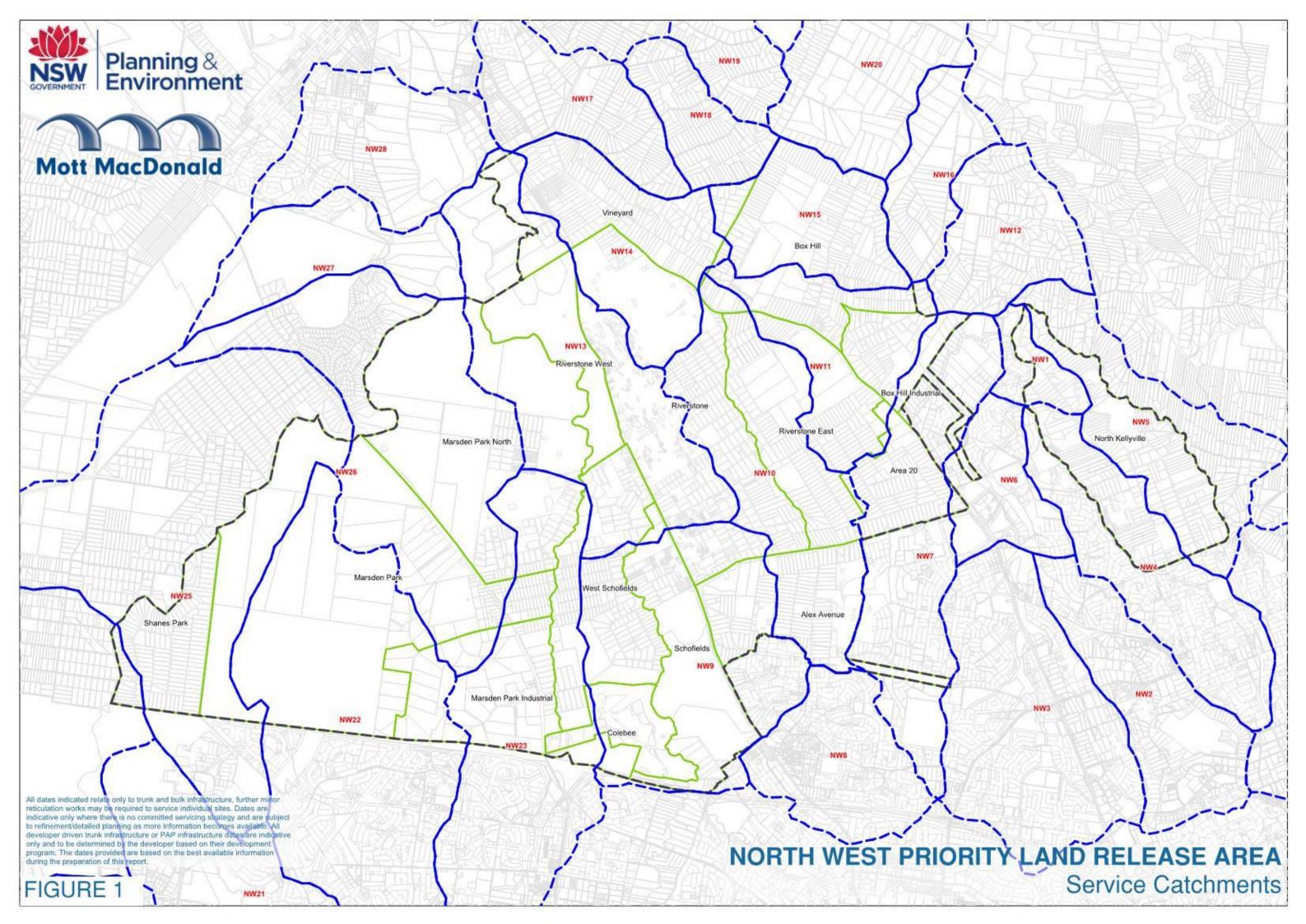
## Appendix A. Plans

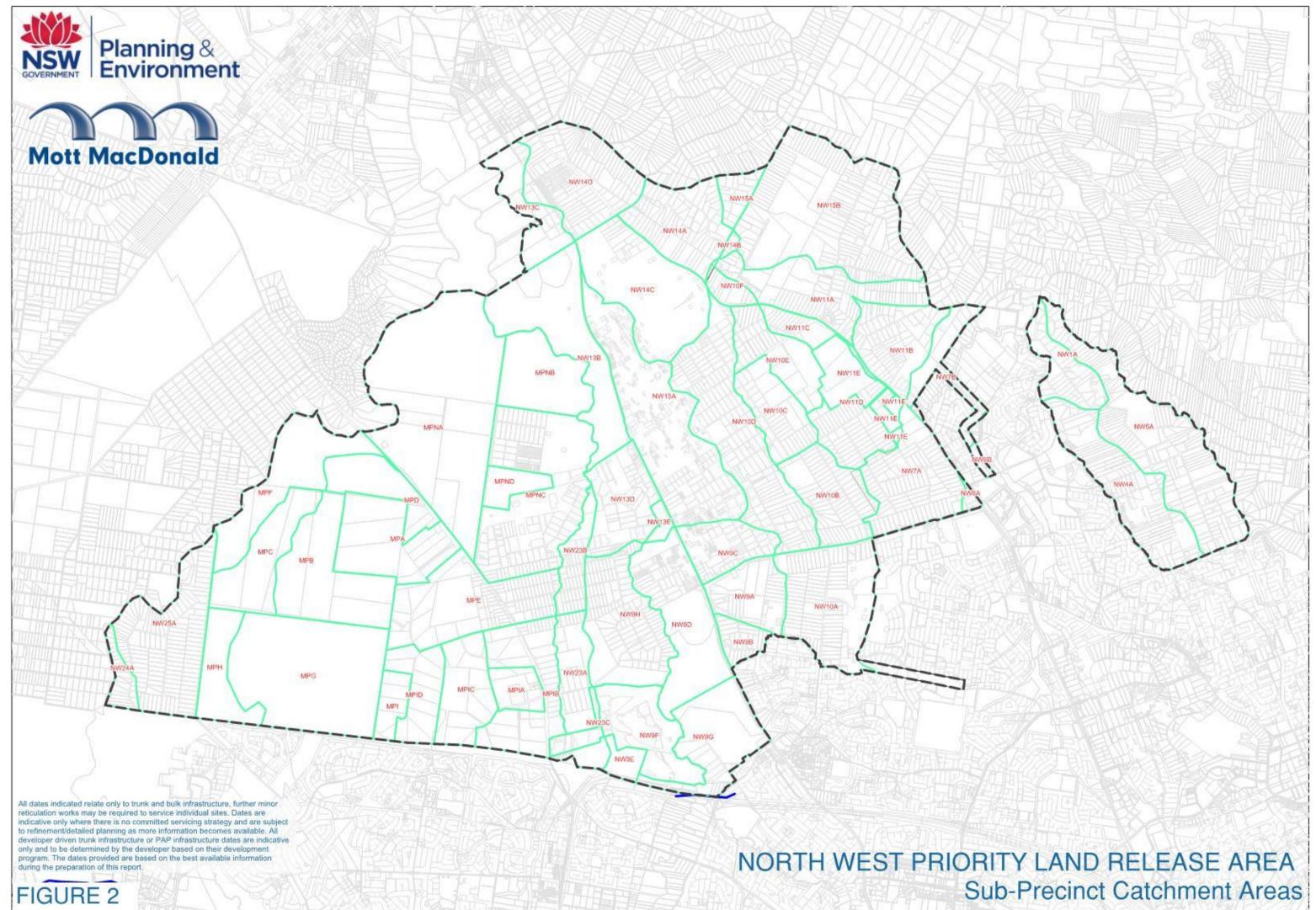
Table A.1:	Summary of Plans	
Plan Numb	er	Tit

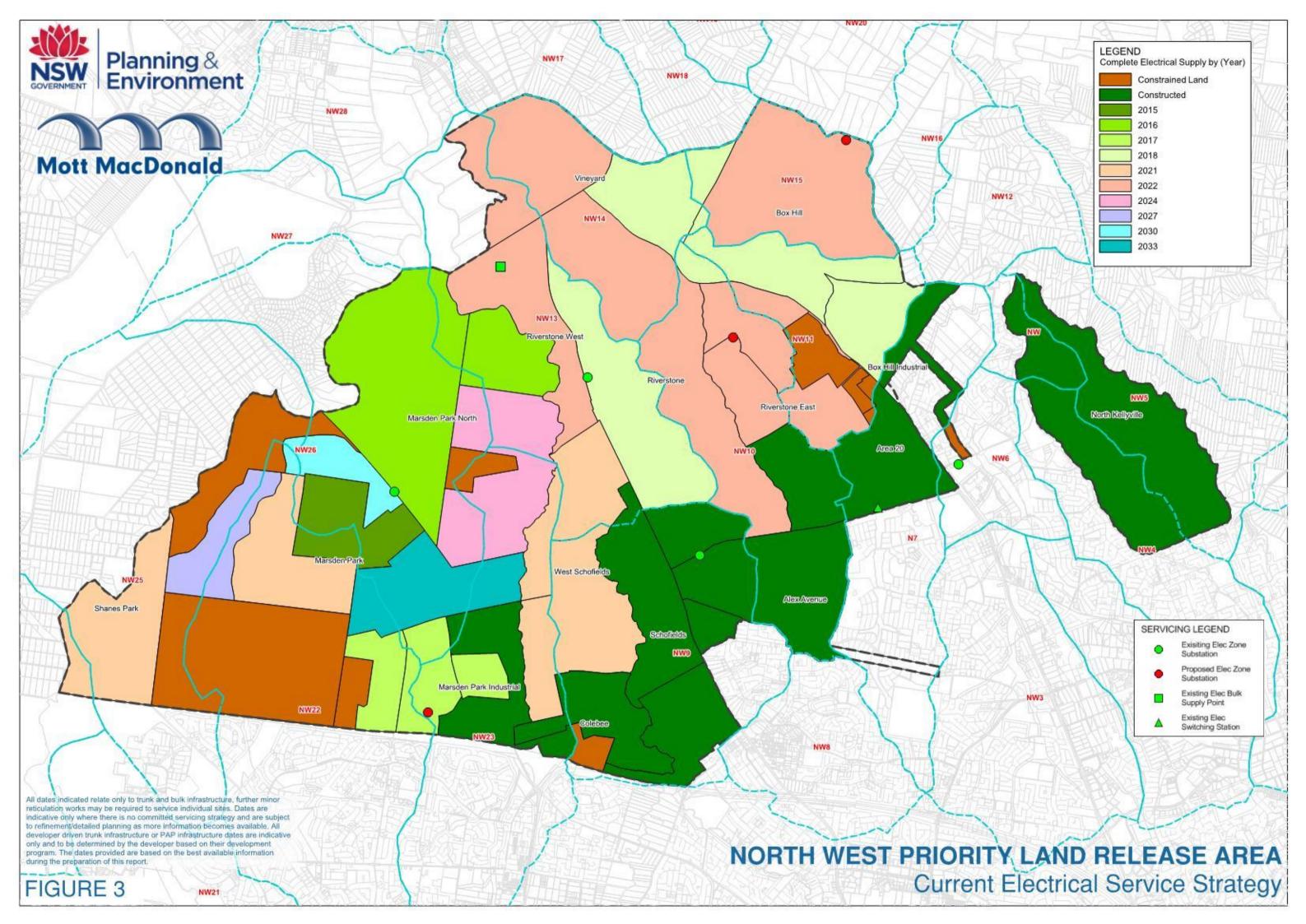
Plan Number	Title	Description
Figure 1	Service Catchments	Shows the relative relationship between the previous precinct boundaries and the service catchment boundaries.
Figure 2	Sub-Precinct Catchment Areas	Shows how the service catchments are divided into sub-catchments based on specific infrastructure items
Figure 3	Current Electrical Service Strategy	Shows which year each sub-catchment is planned on being serviced for electricity for the existing authority strategies
Figure 4	Current Sewer Service Strategy	Shows which year each sub-catchment is planned on being serviced for sewer for the existing authority strategies
Figure 5	Current Water Service Strategy	Shows which year each sub-catchment is planned on being serviced for water for the existing authority strategies
Figure 6	Year Each Sub-Precinct Will be Completely Serviced by Elec/Sewer/Water	Shows which year each sub-catchment is serviced by all utilities for the existing authority strategies
Figure 7	Lag Between First and Last Complete Service	Shows the difference in time from first to last provided service for the existing authority strategies
Figure 8	Key Trunk Servicing Items (On Precincts)	Shows the key pieces of infrastructure over the old precinct boundaries
Figure 9	Key Trunk Servicing Items (On Precincts)	Shows the key pieces of infrastructure over the new catchment precinct boundaries
Figure 10	LGLD - Revised Electrical Service Strategy to Meet Market Demand	Shows the alternative year in which each sub-catchment could be serviced for electricity based on the Low Growth – Low Density Scenario
Figure 11	LGLD - Revised Sewer Service Strategy to Meet Market Demand	Shows the alternative year in which each sub-catchment could be serviced for sewer based on the Low Growth – Low Density Scenario
Figure 12	LGLD - Revised Water Service Strategy to Meet Market Demand	Shows the alternative year in which each sub-catchment could be serviced for water based on the Low Growth – Low Density Scenario
Figure 13	LGLD - Critical Service Year based on Revised Strategy	Shows the alternative year in which each sub-catchment could be fully serviced based on the Low Growth – Low Density Scenario
Figure 14	LGLD - Lag Between First and Last Complete Service Based on Revised Strategy	Shows the difference in time from first to last provided service for the alternative strategy for the Low Growth – Low Density Scenario
Figure 15	HGLD - Revised Electrical Service Strategy to Meet Market Demand	Shows the alternative year in which each sub-catchment could be serviced for electricity based on the High Growth – Low Density Scenario
Figure 16	HGLD - Revised Sewer Service Strategy to Meet Market Demand	Shows the alternative year in which each sub-catchment could be serviced for sewer based on the High Growth – Low Density Scenario
Figure 17	HGLD - Revised Water Service Strategy to Meet Market Demand	Shows the alternative year in which each sub-catchment could be serviced for water based on the High Growth – Low Density Scenario
Figure 18	HGLD - Critical Service Year based on Revised Strategy	Shows the alternative year in which each sub-catchment could be fully serviced based on the High Growth – Low Density Scenario
Figure 19	HGLD - Lag Between First and Last Complete Service Based on Revised Strategy	Shows the difference in time from first to last provided service for the alternative strategy for the High Growth – Low Density Scenario

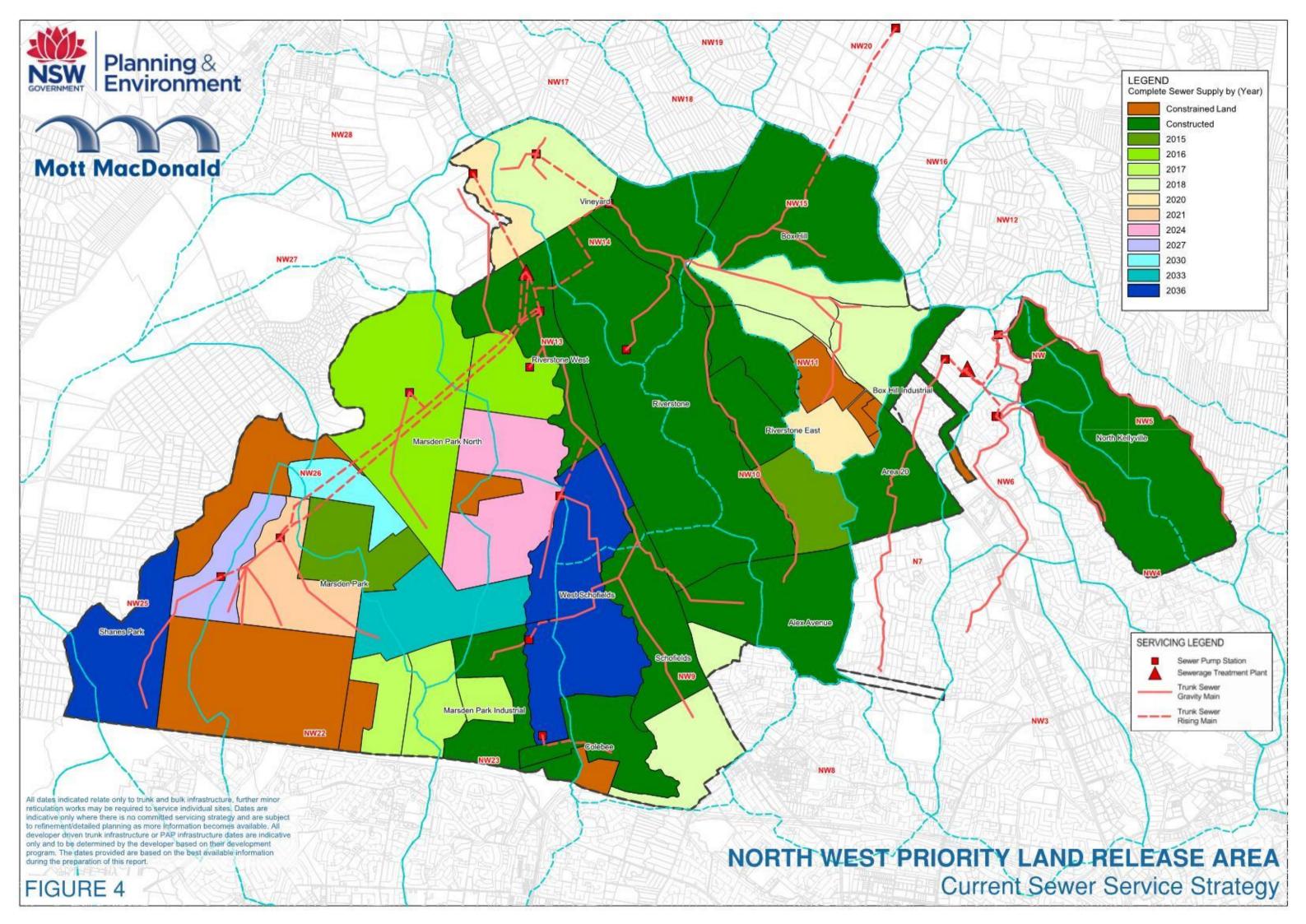
352524/NSW/SYD/1/F 20 October 2015

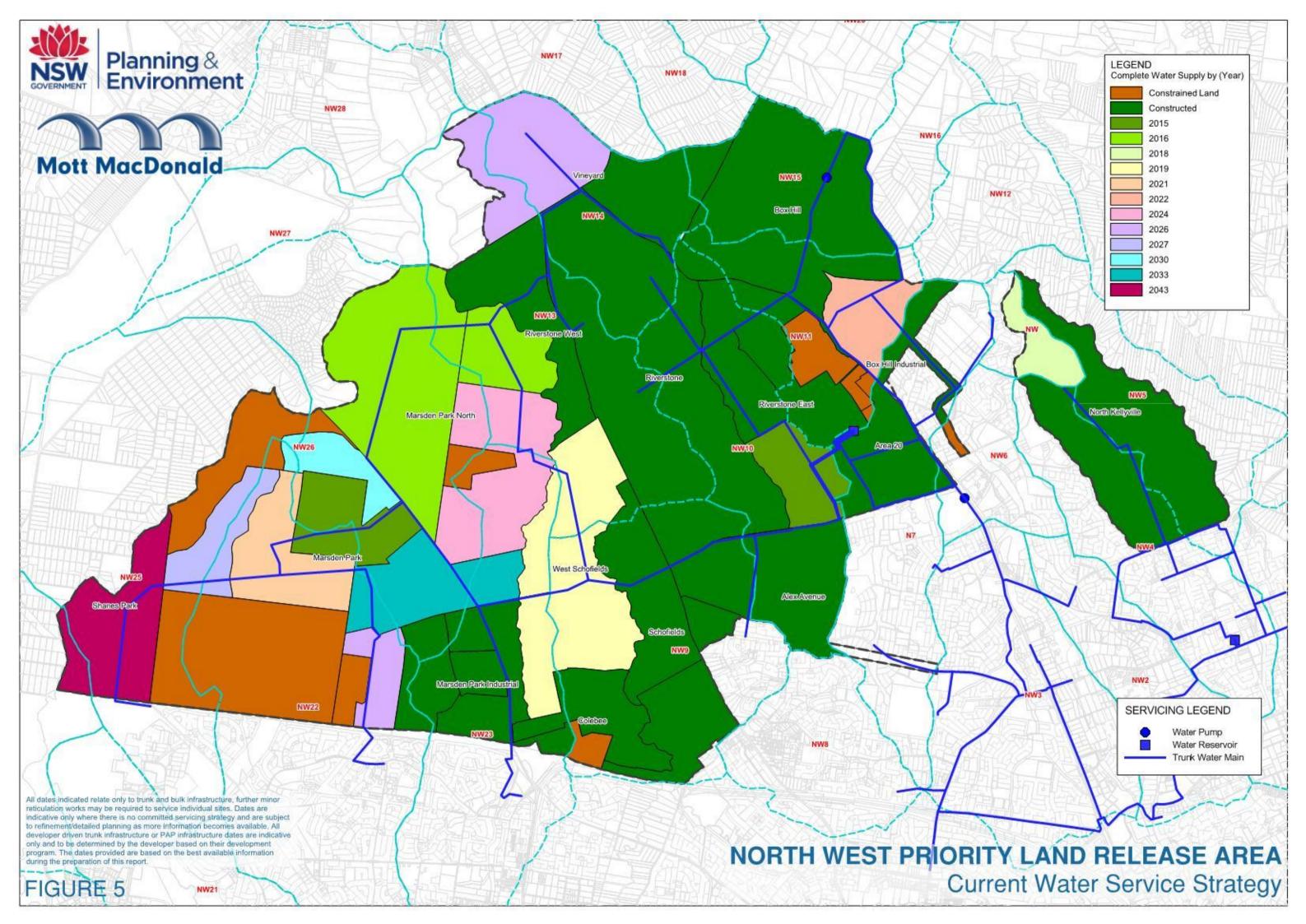
P:\Sydney\Projects\35xxxx\354524\04 Working\Documents\Infrastructure Report\NWGC\354524 151030 Infrastructure Precinct Planning\_NWPLRA\_FINAL.docx

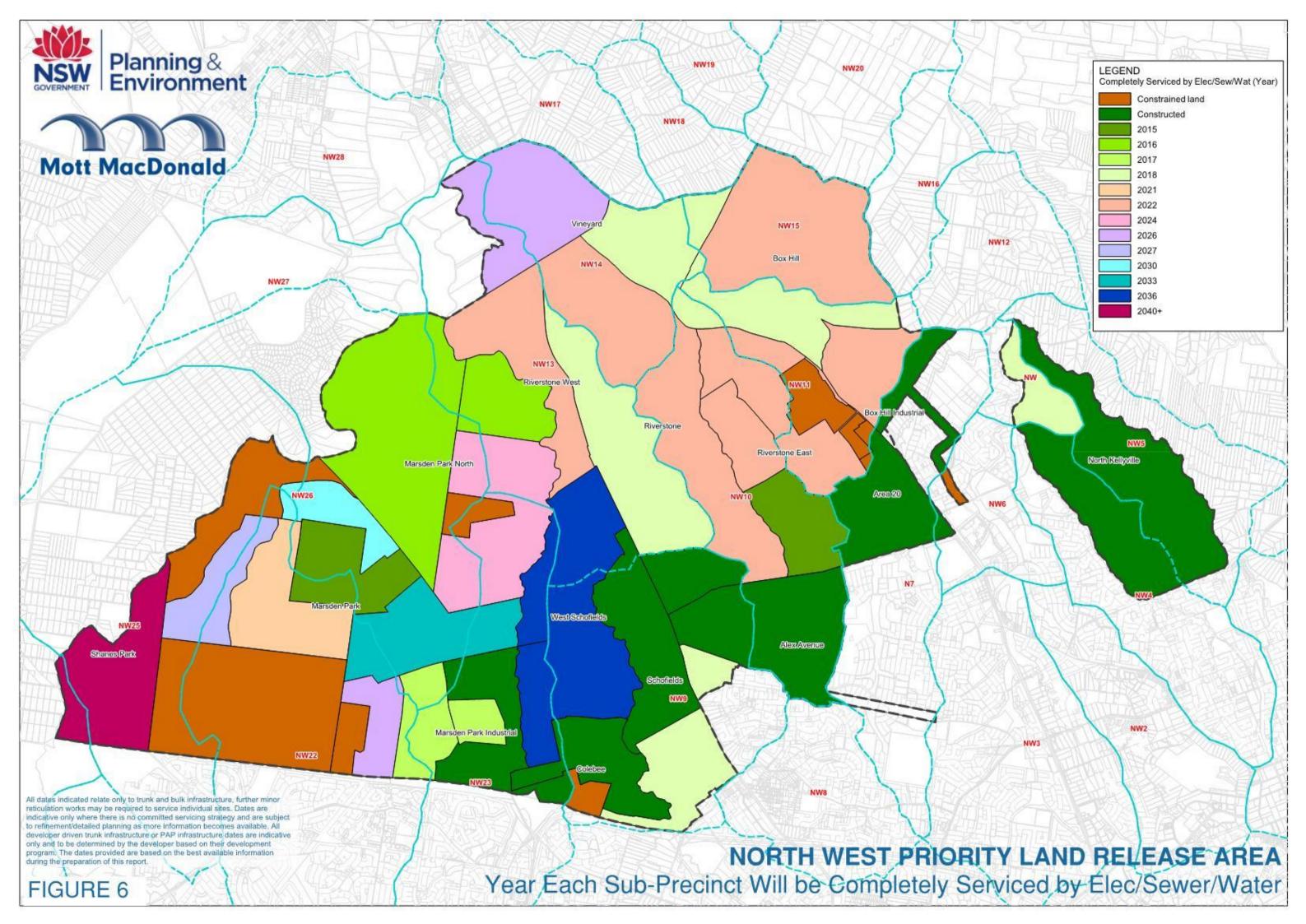


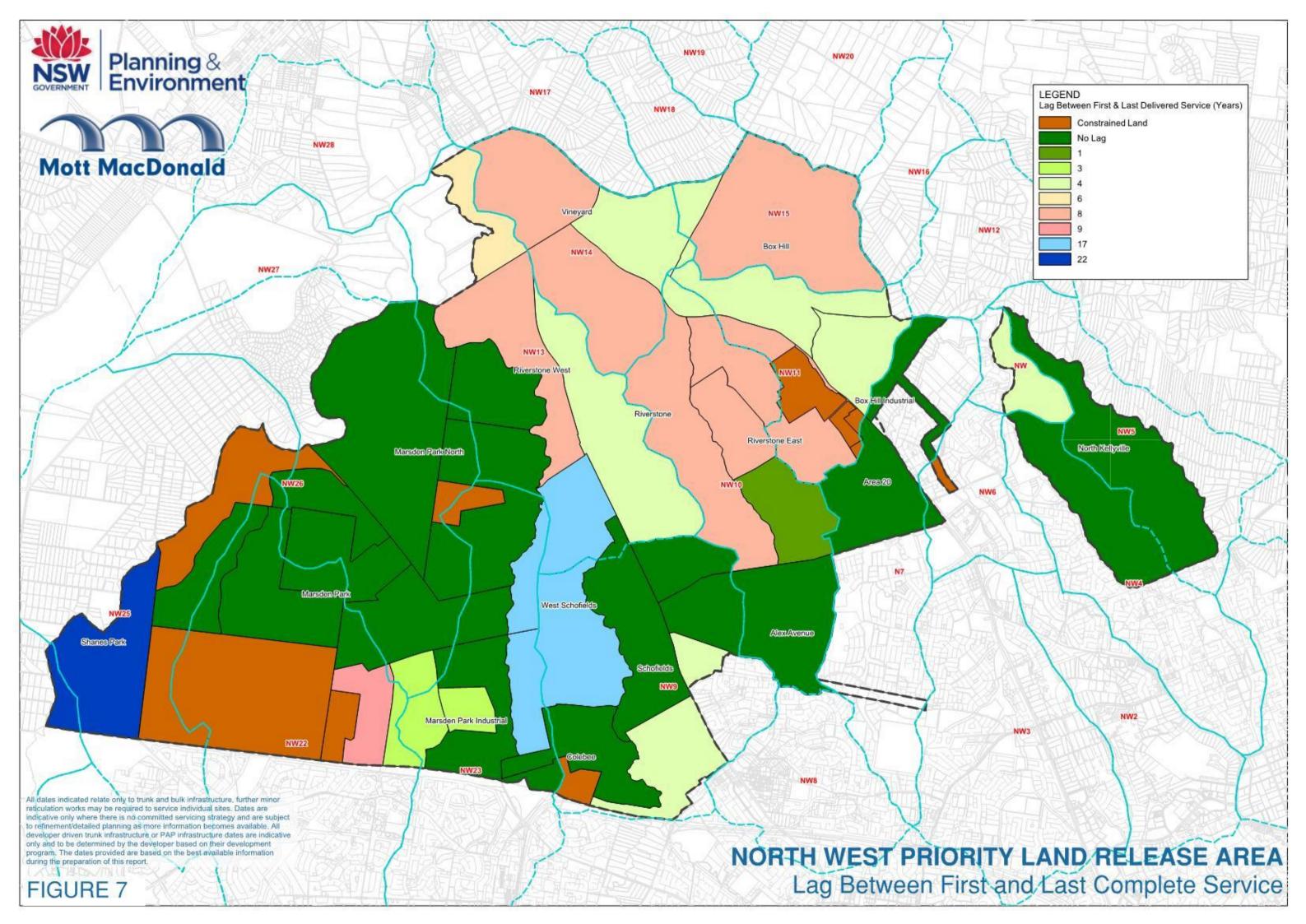


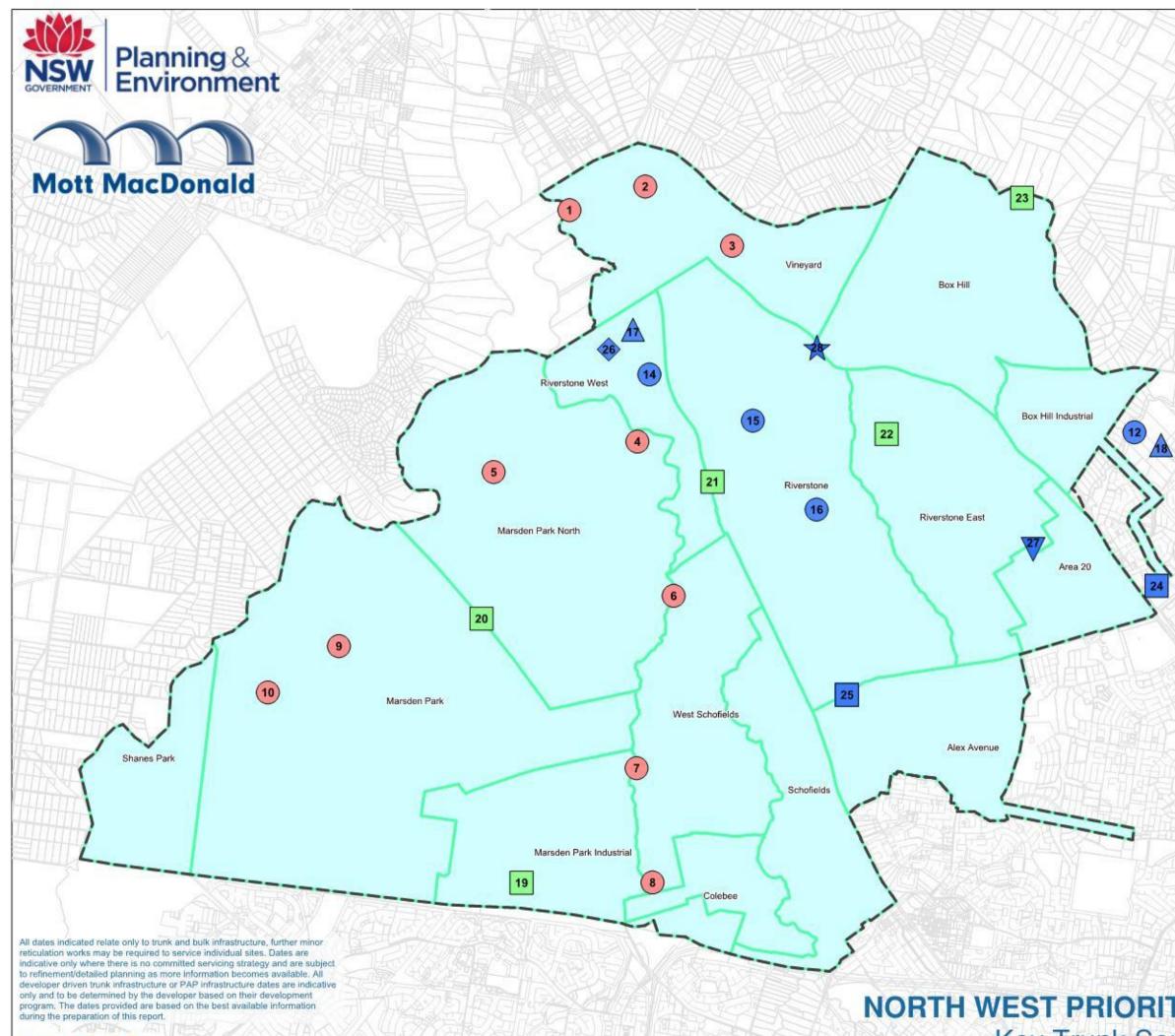












**FIGURE 8** 

North Kellyville

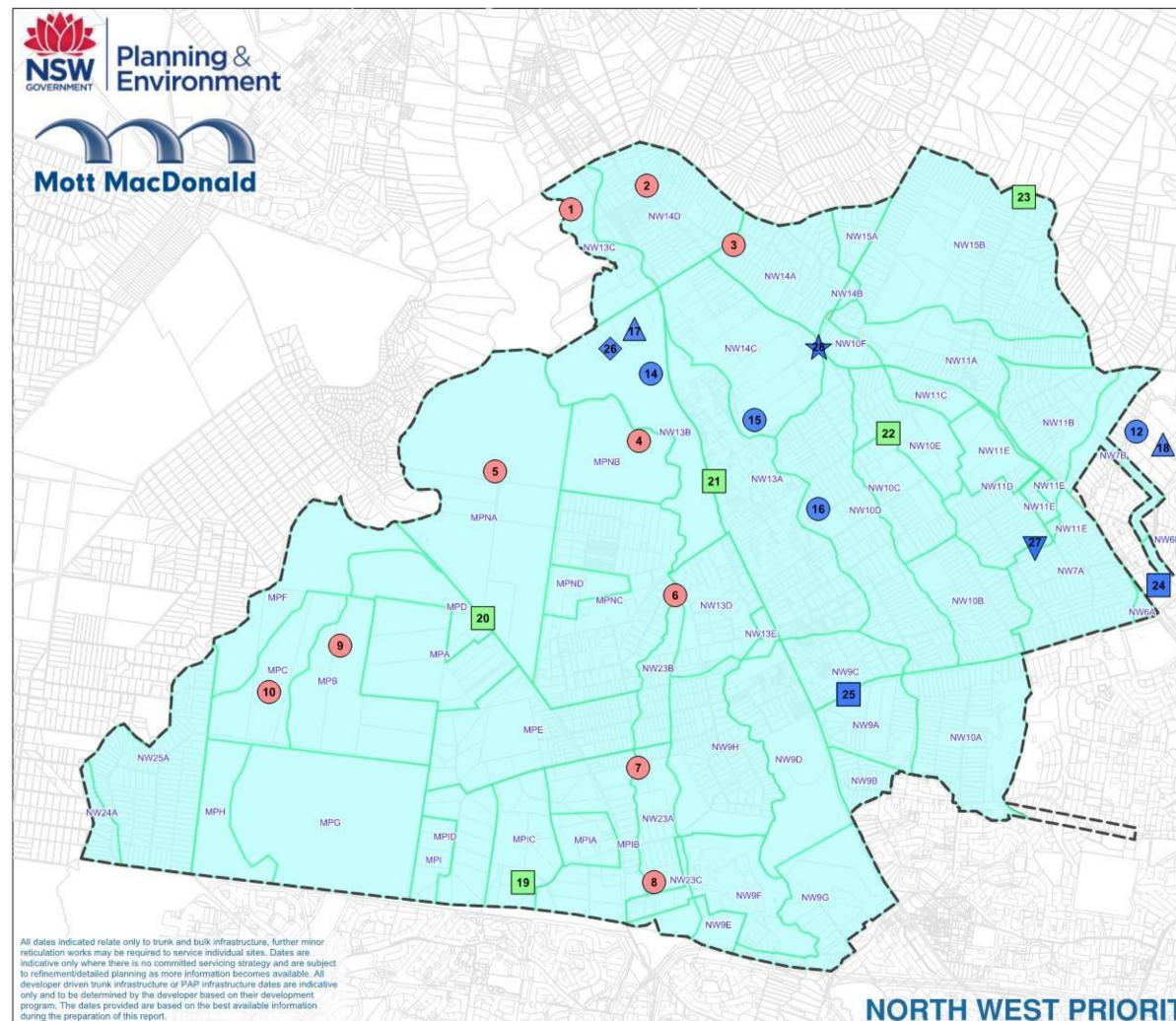
### LEGEND

13

(11)

0	Existing Sewer Pump Station
	Existing Sewer Treatment Plant
	Proposed Zone Substation
	Existing Zone Substation
0	Proposed Sewer Pump Station
0	Existing Electrical Bulk Supply Poin
*	Existing Water Pump Station
$\nabla$	Existing Water Reservoir

### NORTH WEST PRIORITY LAND RELEASE AREA Key Trunk Servicing Items (On Precincts)



**FIGURE 9** 

#### LEGEND

(13

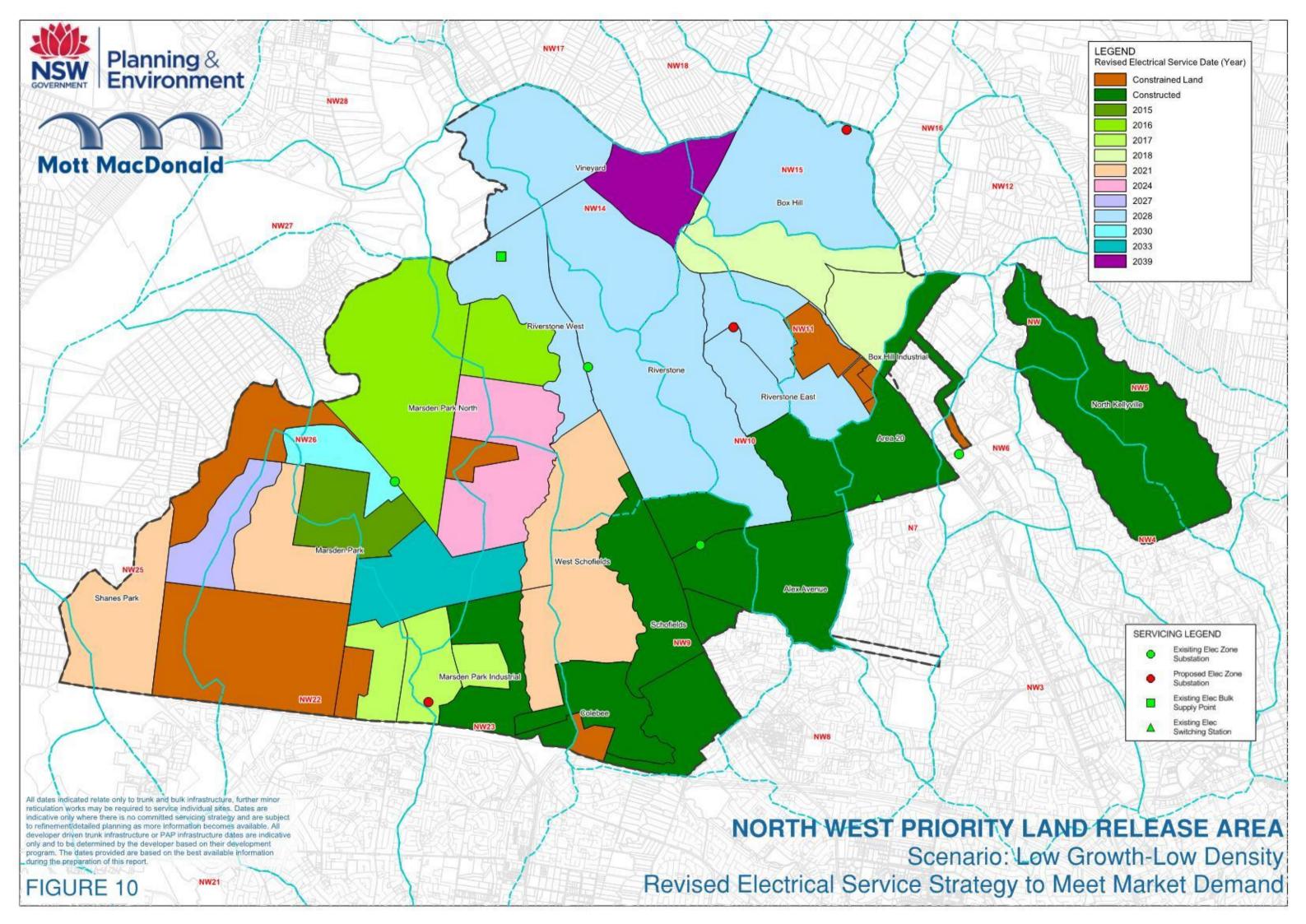
(11)

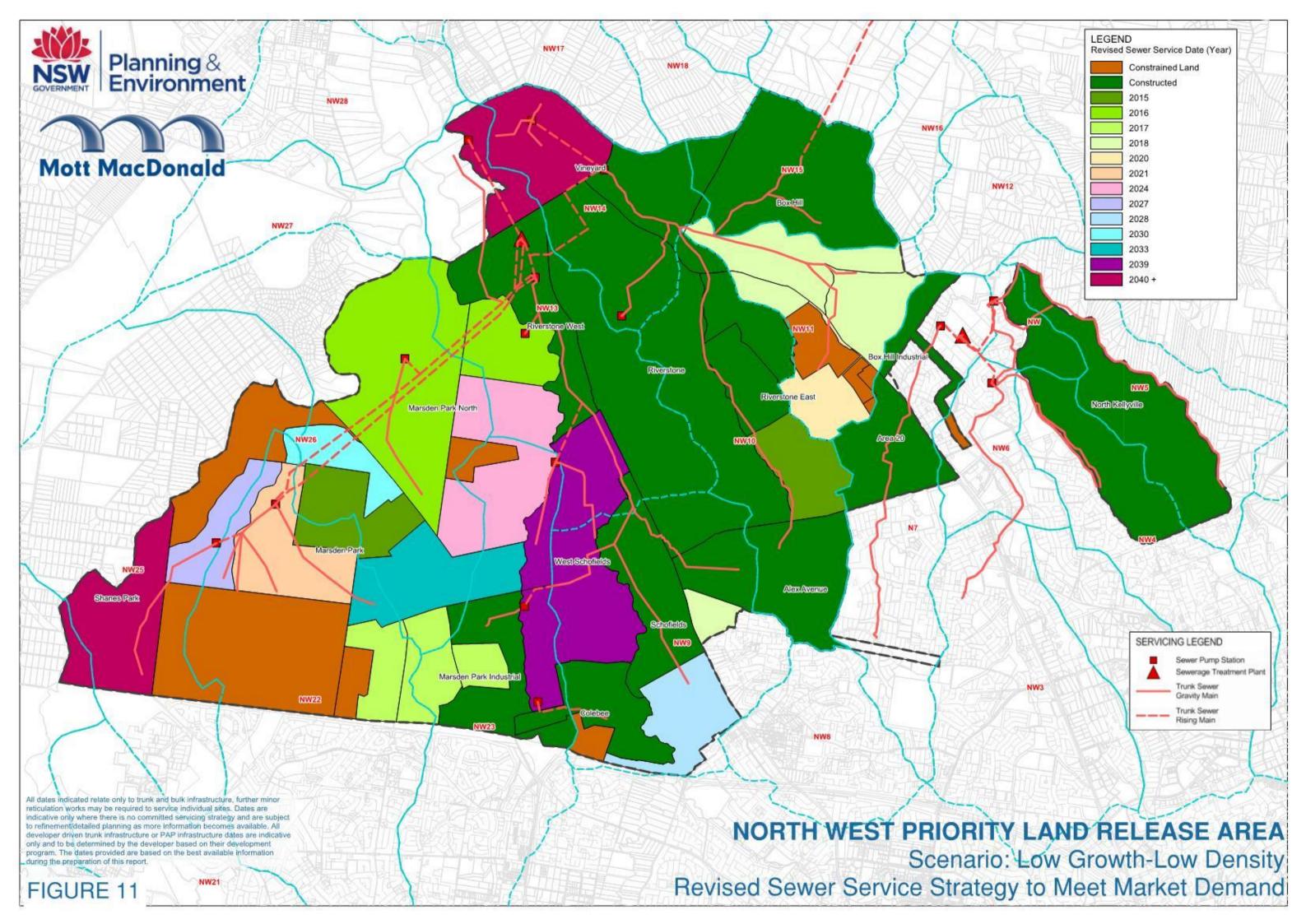
 Existing Sewer Pump Station Existing Sewer Treatment Plant  $\triangle$ Proposed Zone Substation **Existing Zone Substation** Proposed Sewer Pump Station  $\bigcirc$ Existing Electrical Bulk Supply Point  $\diamond$ \* **Existing Water Pump Station** Existing Water Reservoir  $\nabla$ 

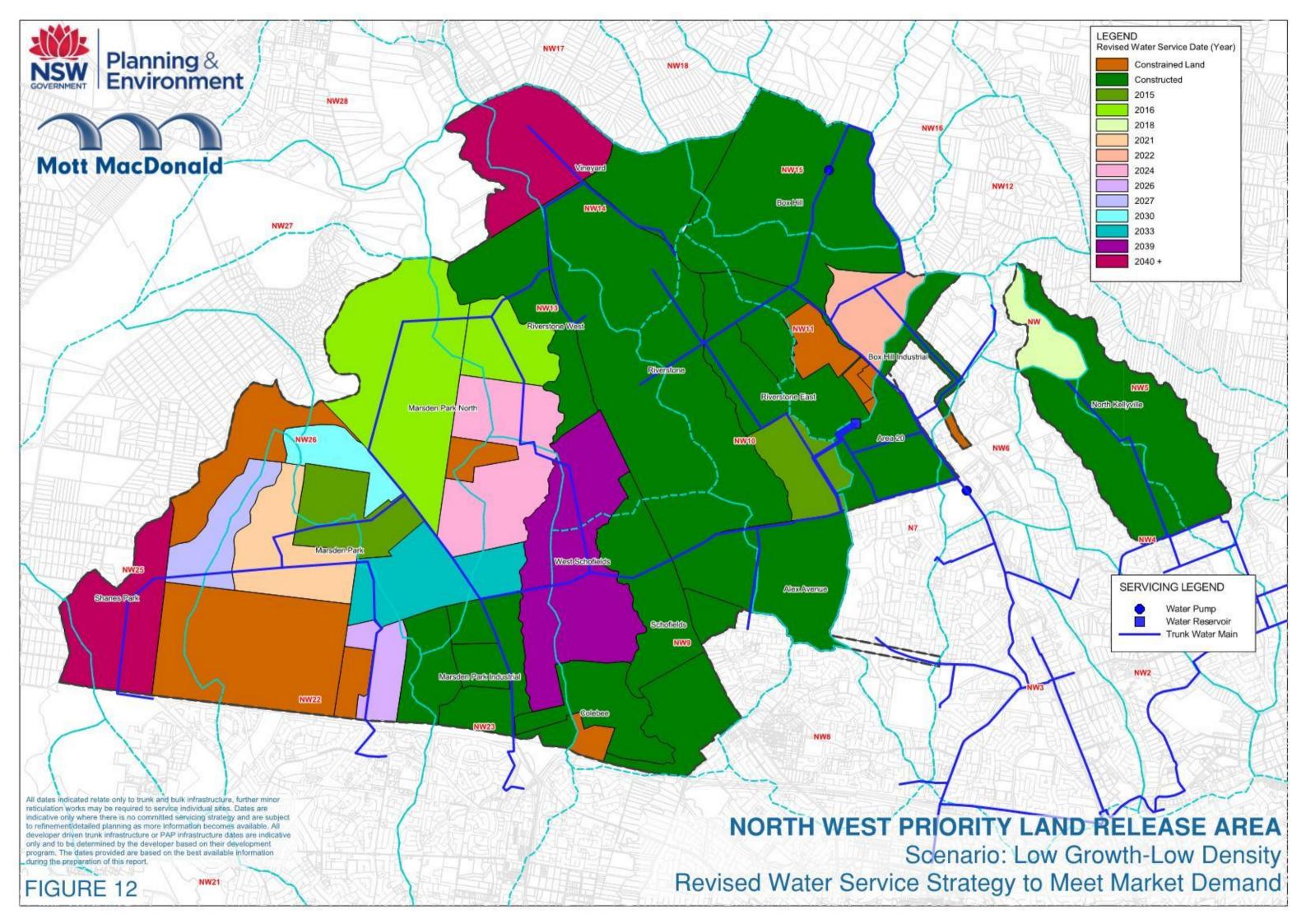
NW5A

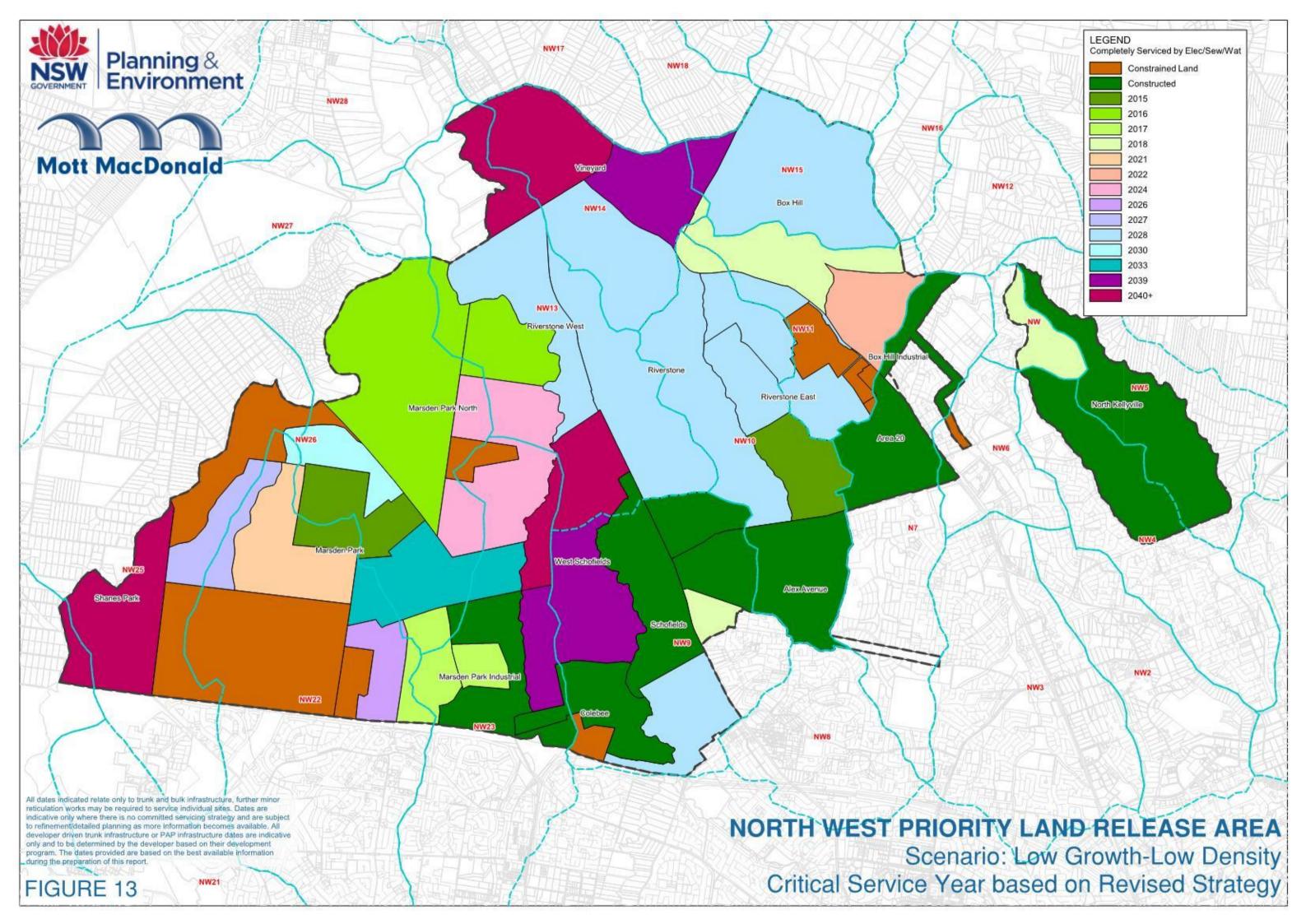
NW4A

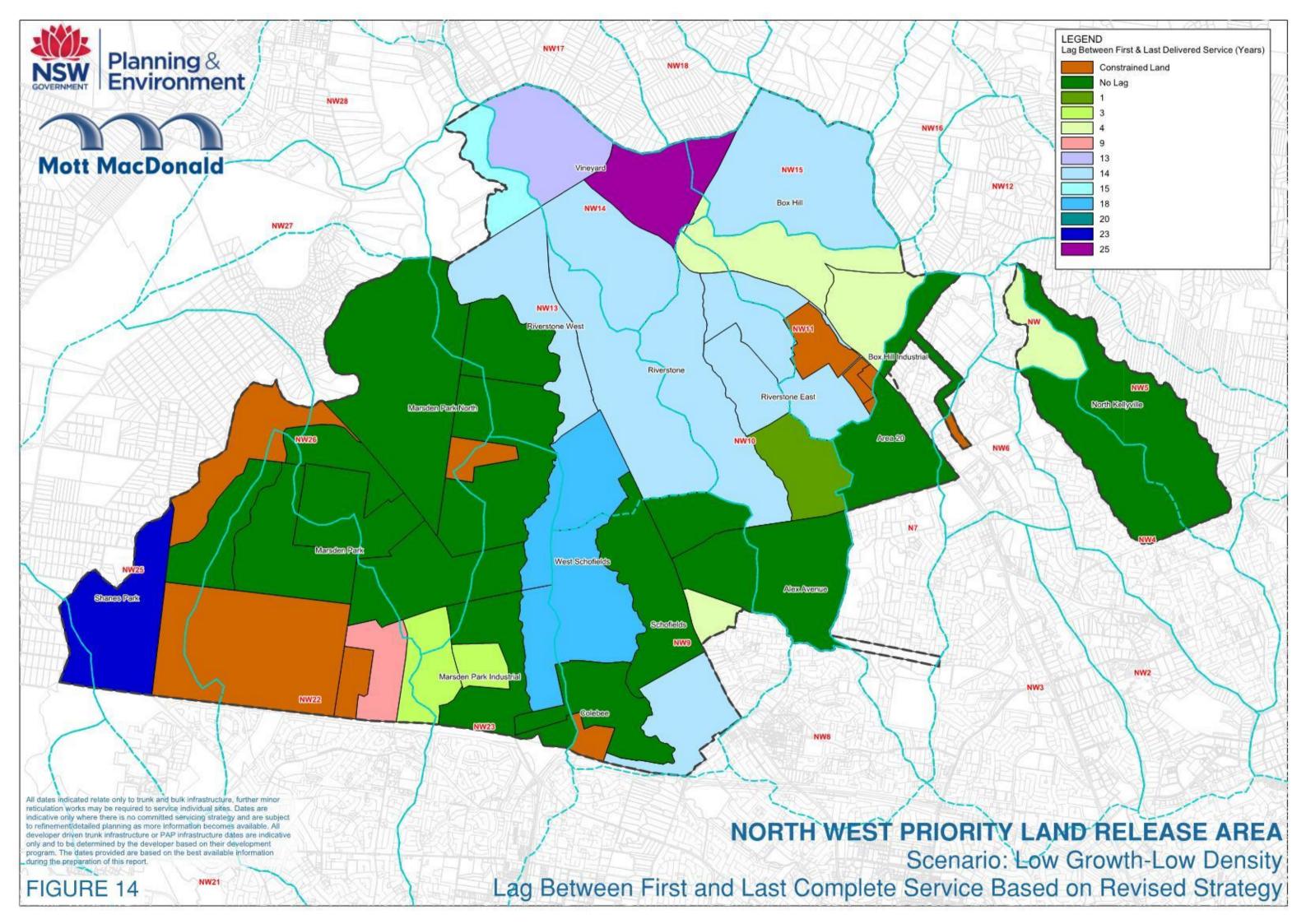
## NORTH WEST PRIORITY LAND RELEASE AREA Key Trunk Servicing Items (On Sub-Precincts)

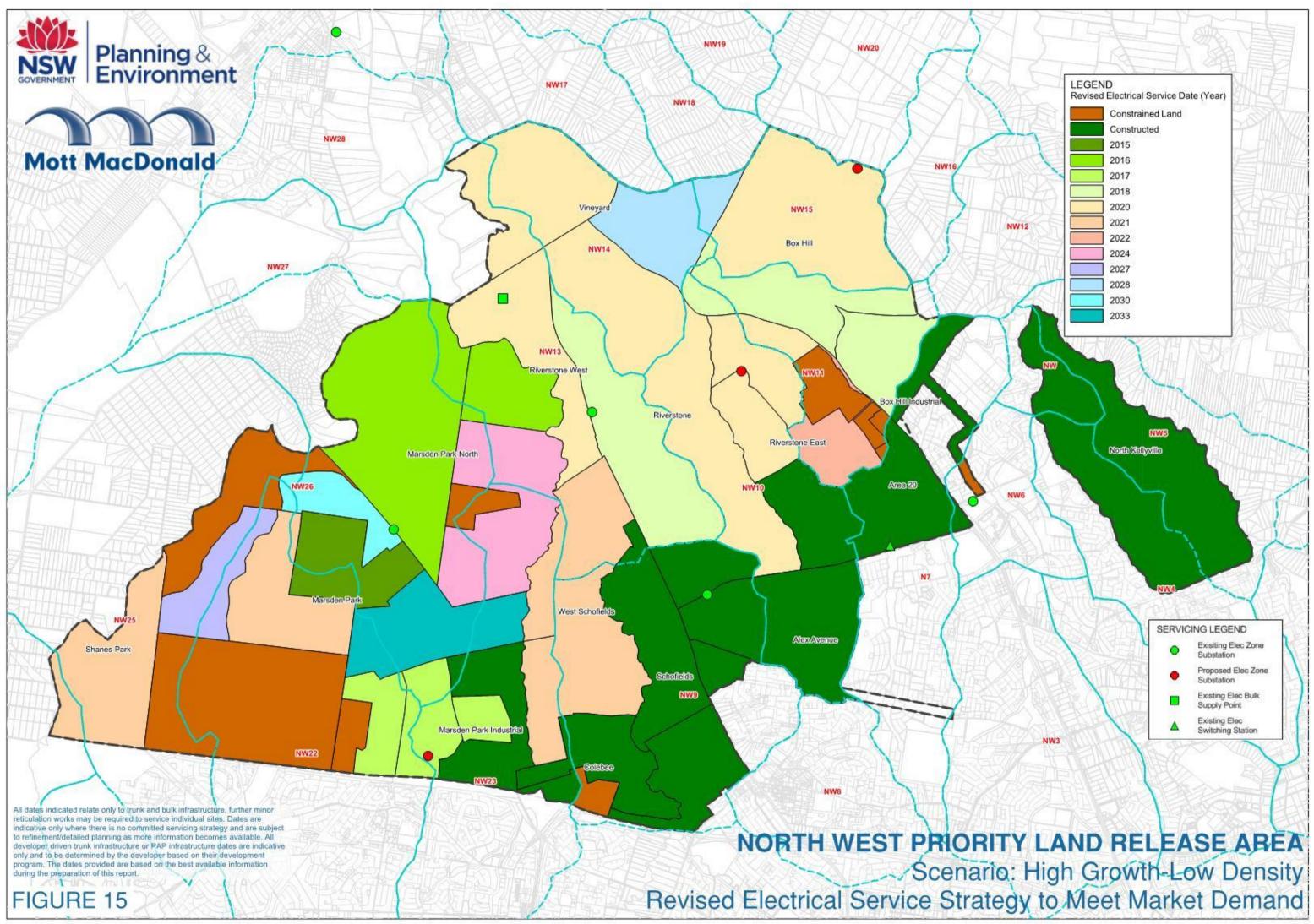


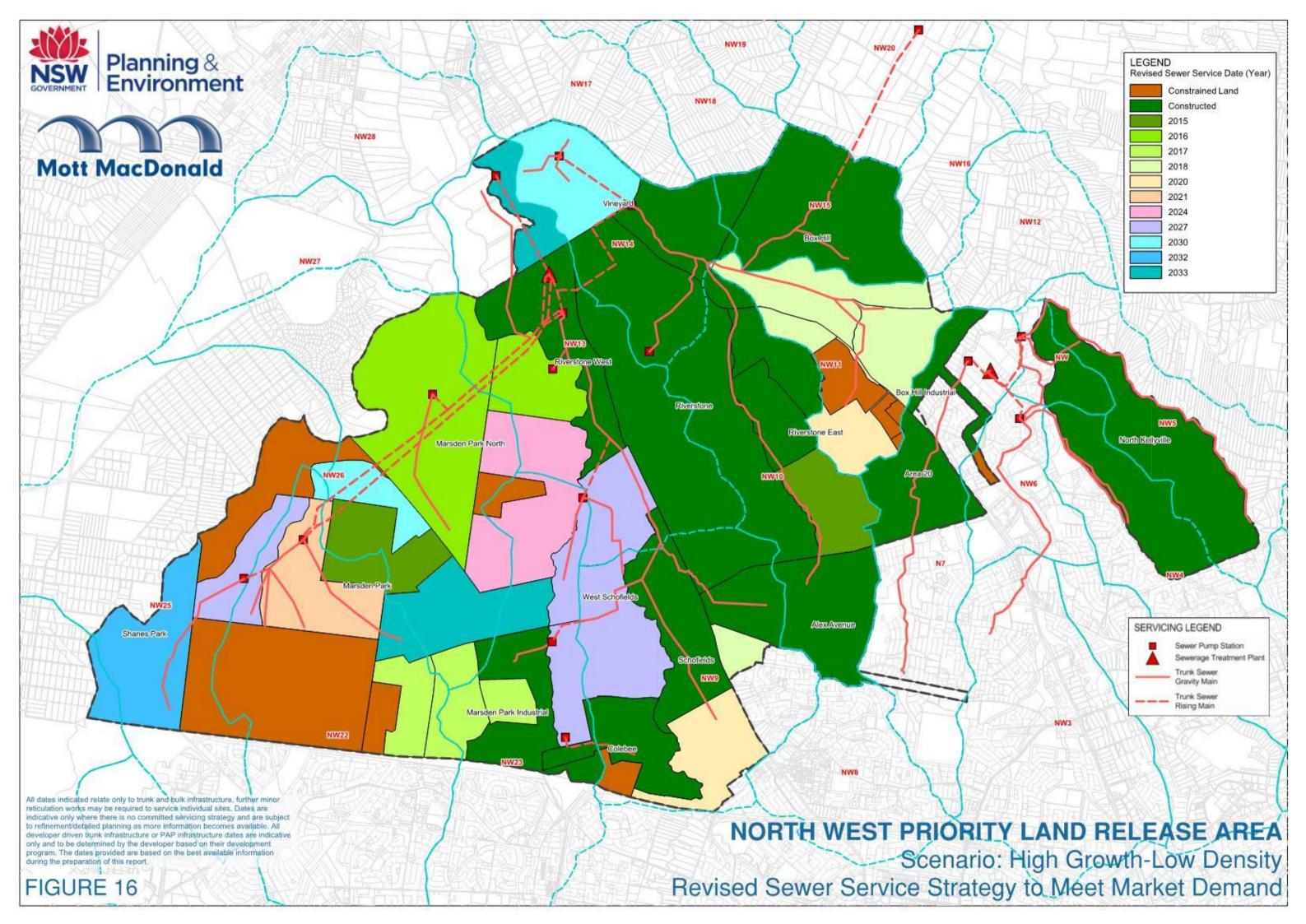


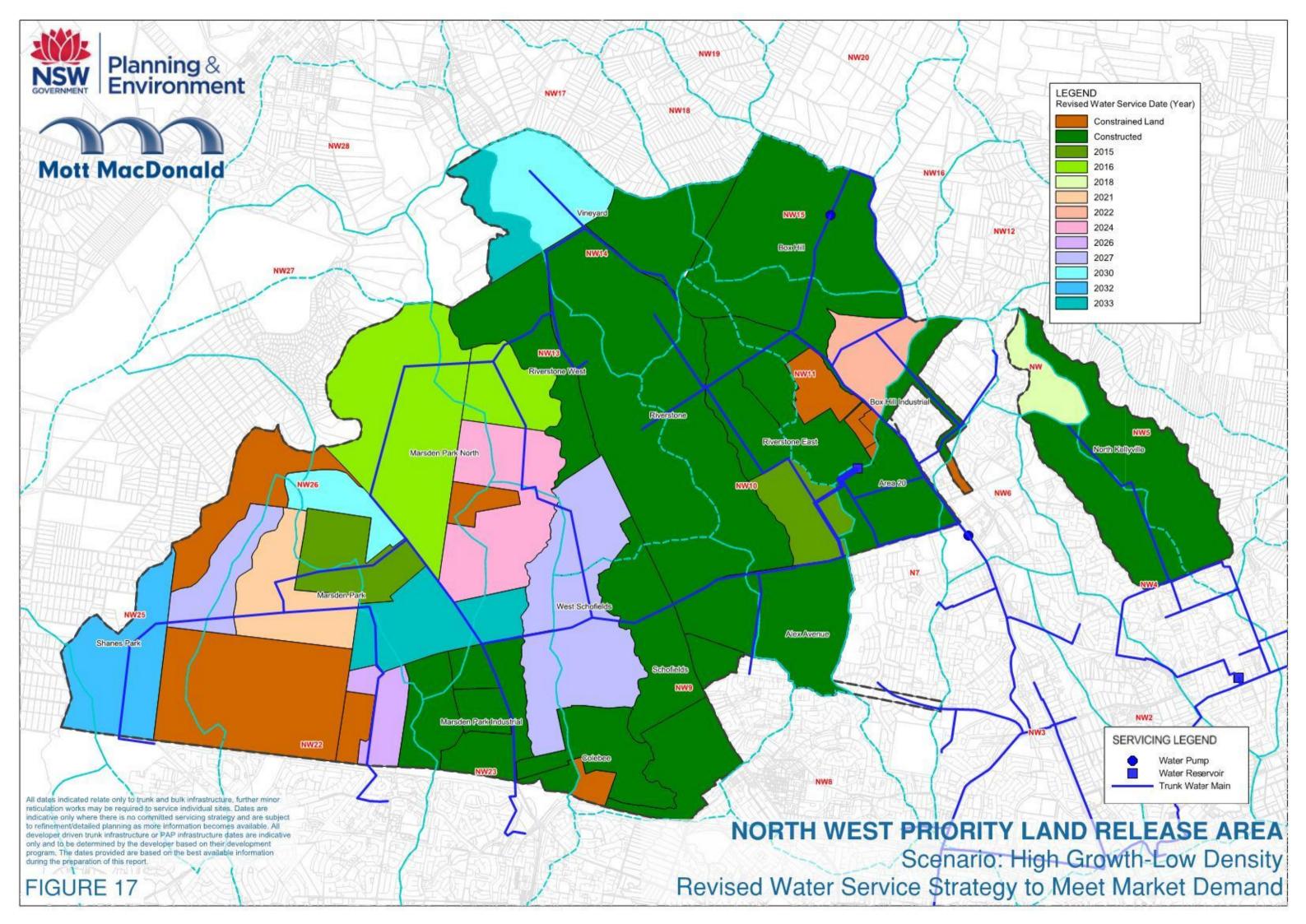


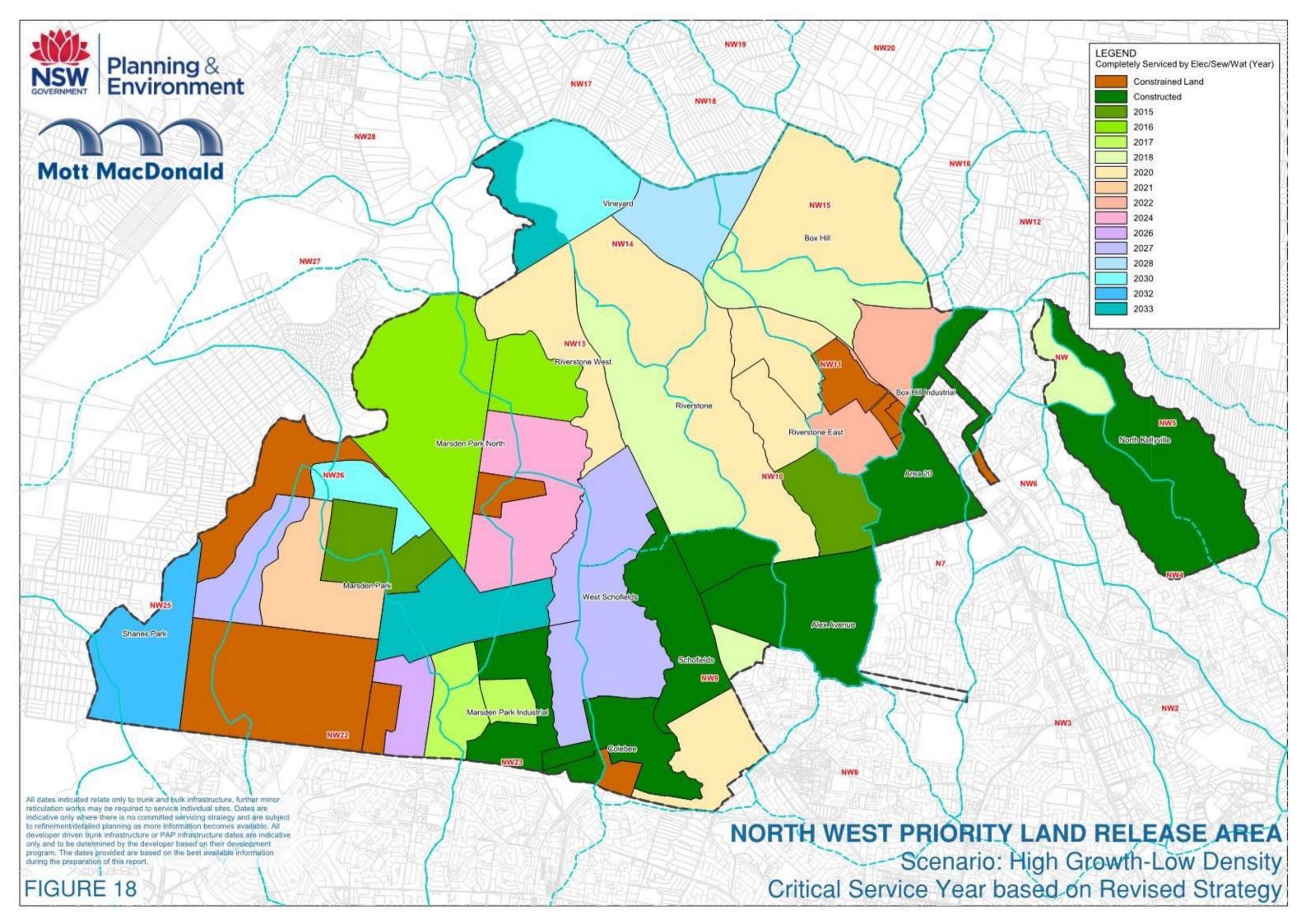


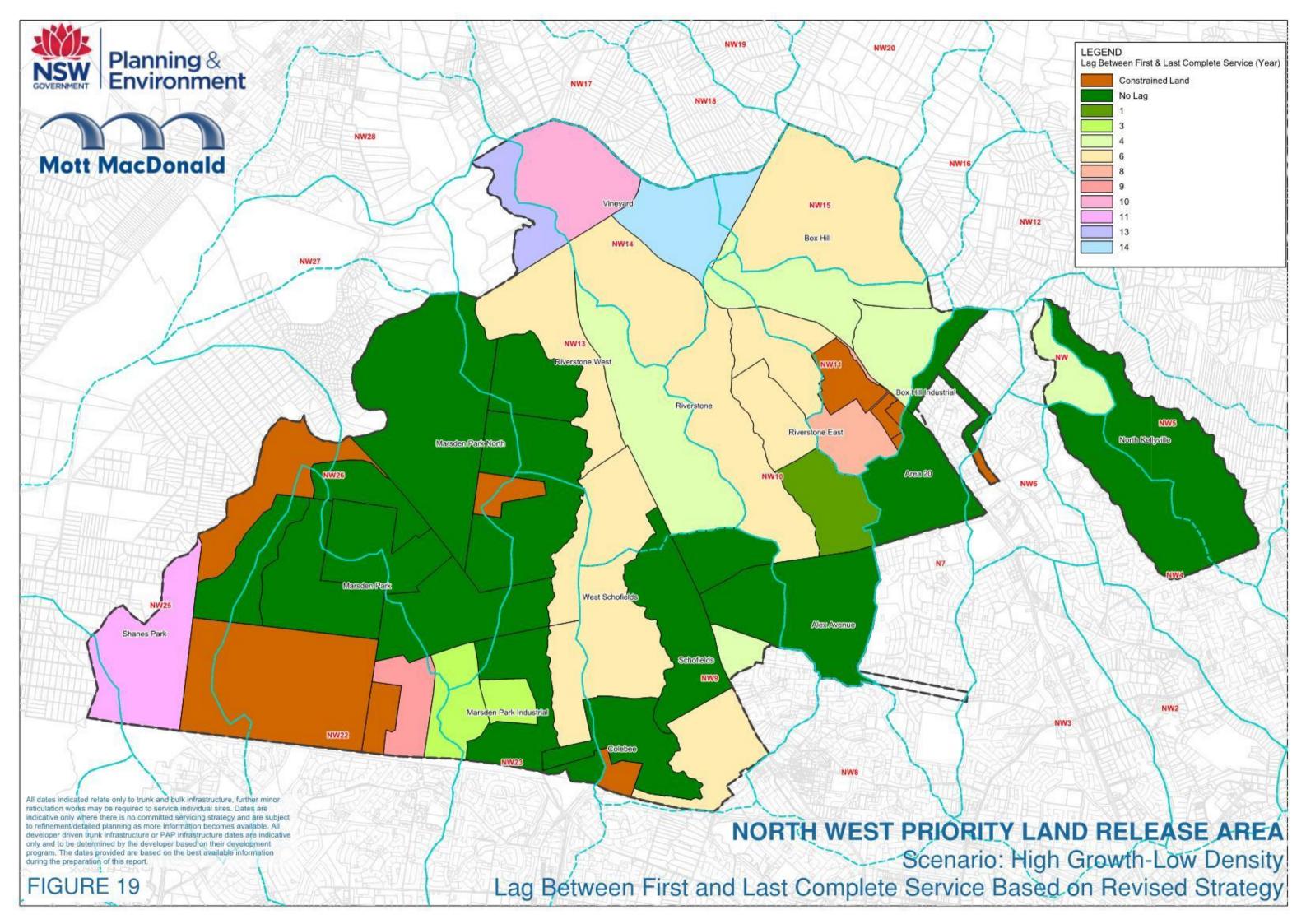












frastructure umber	Infrastructure Item Description	Type of Infrastructure	Reaches Capacity	Affected Precincts	Affecter Sub-catchmen
	SPS W	Sewer	2030	Vineyard	NW130
	SPS E	Sewer	2026	Vineyard	NW14[
	SPS1154	Sewer	2038	Vineyard	NW14/
				Vineyard	NW15/
				Box Hill and Box Hill Ind.	NW14I
				Box Hill and Box Hill Ind.	NW15
				Box Hill and Box Hill Ind.	NW11/
				Box Hill and Box Hill Ind.	NW11I
				Riverstone East	NW11
				Riverstone East	NW11[
				Riverstone East	NW10
				Alex Avenue	NW104
				Riverstone	NW10
				Riverstone East	NW10
				Riverstone East	NW10
				Riverstone East	NW11
				Box Hill and Box Hill Ind.	NW10
				Riverstone	NW14
				Vineyard	NW14
	SPS C	Sewer	2021	Marsden Park North	MPN
				Marsden Park North	MPN
				Marsden Park North	MPN
	SPS G	Sewer	2031	Marsden Park	MP
				Marsden Park	MP
				Marsden Park	MP
				Marsden Park Industrial	MPI
				Marsden Park North	MPN
	SPS B	Sewer	2035	Schofields West	NW23
				Schofields West	NW13
				Schofields West	NW23
				Schofields West	NW9
	SPS S	Sewer	-	Marsden Park Industrial	MP
				Marsden Park Industrial	MP
				Marsden Park Industrial	MP
				Marsden Park Industrial	NWS
	SPS F	Sewer	2045	Shanes Park	NW24
				Shanes Park	NW25
				Marsden Park	M
				Marsden Park	M
				Marsden Park	M
0	SPS A	Sewer	2048	Shanes Park	NW24
				Shanes Park	NW25
1	SPS1022	Sewer	2029	North Kellyville	
2	SPS1139	Sewer	2024	Box Hill and Box Hill Ind.	
	SPS S SPS F SPS A SPS A SPS1022	Sewer Sewer Sewer Sewer Sewer	- 2045 2048 2029	Schofields West Schofields West Schofields West Schofields West Marsden Park Industrial Marsden Park Industrial Marsden Park Industrial Marsden Park Industrial Shanes Park Shanes Park Marsden Park Marsden Park Shanes Park Shanes Park Shanes Park Shanes Park	MPN/ NW23I NW13I NW23 NW23 NW23 MPI MPI NW24 NW25 MF MP MP MP NW24 NW24 NW24 NW24 NW25 NW24 NW25

#### Table A.2: Infrastructure Item Capacity Reached – High Density High Growth

Affecte		Reaches	Type of	Infrastructure	Infrastructure
Sub-catchme	Affected Precincts	Capacity	Infrastructure	Item Description	Number
NWZ	Area 20				
NW6	Area 20				
NW1	North Kellyville	2028	Sewer	SPS1107	13
NWS	North Kellyville				
NW13	Vineyard	2033	Sewer	SPS0564	14
NW24	Shanes Park				
NW25	Shanes Park				
M	Marsden Park				
M	Marsden Park				
M	Marsden Park				
M	Marsden Park				
MF	Marsden Park				
M	Marsden Park				
MP	Marsden Park Industrial				
MPN	Marsden Park North				
MP	Marsden Park Industrial				
MP	Marsden Park Industrial				
MP	Marsden Park Industrial				
NW23	Schofields West				
NWS	Marsden Park Industrial				
NW23	Schofields West				
NW13	Schofields West				
MPN	Marsden Park North				
MPN	Marsden Park North				
MPN	Marsden Park North				
NW13	Riverstone West				
NW13	Riverstone				
NW1	Schofields				
NWS	Riverstone				
NWS	Alex Avenue				
NWS	Alex Avenue				
NWS	Schofields				
NWS	Schofields West				
NWS	Schofields				
NW14	Vineyard	2036	Sewer	Riverstone WWTP	17
NW15	Vineyard				
NW14	Box Hill and Box Hill Ind.				
NW1	Box Hill and Box Hill Ind.				
NW11	Box Hill and Box Hill Ind.				
NW1	Box Hill and Box Hill Ind.				
NW1	Riverstone East				
NW11	Riverstone East				
NW10	Riverstone East				
NW10	Alex Avenue				
NW10	Riverstone				

rastructure mber	Infrastructure Item Description	Type of Infrastructure	Reaches Capacity	Affected Precincts	Affected Sub-catchmen
				Riverstone East	NW100
				Riverstone East	NW10
				Riverstone East	NW110
				Box Hill and Box Hill Ind.	NW10
				Riverstone	NW140
				Vineyard	NW140
				Vineyard	NW130
				Shanes Park	NW24/
				Shanes Park	NW25/
				Marsden Park	MP
				Marsden Park	MP
				Marsden Park	MP
				Marsden Park	MP
				Marsden Park	MPI
				Marsden Park	MP
				Marsden Park Industrial	MPII
				Marsden Park North	MPN
				Marsden Park Industrial	MPI
				Marsden Park Industrial	MPI
				Marsden Park Industrial	MPI
				Schofields West	NW23
				Marsden Park Industrial	NW9
				Schofields West	NW23
				Schofields West	NW13
				Marsden Park North	MPN
				Marsden Park North	MPN
				Marsden Park North	MPN
				Riverstone West	NW13
				Riverstone	NW13
				Schofields	NW13
				Riverstone	NW9
				Alex Avenue	NW9
				Alex Avenue	NW9
				Schofields	NW9
				Schofields West	NW9
				Schofields	NW9
	Rouse Hill WWTP	Sewer	2026	North Kellyville	NW1
				North Kellyville	NW4
				North Kellyville	NW5
				Box Hill and Box Hill Ind.	NW7
				Box Hill and Box Hill Ind.	NW6
				Area 20	NW7
				Area 20	NW6
	South Marsden Park ZS	Electricity	-	Marsden Park Industrial	MPII

Affected Sub-catchmen	Affected Precincts	Reaches Capacity	Type of Infrastructure	Infrastructure Item Description	Infrastructure Number
MPIC	Marsden Park Industrial				
MPIE	Marsden Park Industrial				
MPIA	Marsden Park Industrial				
NW9	Marsden Park Industrial				
MPNA	Marsden Park North	2034	Electricity	Marsden Park ZS	20
MPNE	Marsden Park North				
MPN	Marsden Park North				
MPNE	Marsden Park North				
NW13[	Schofields West				
NW234	Schofields West				
NW23E	Schofields West				
NW9F	Schofields West				
MPE	Marsden Park				
MPA	Marsden Park				
MPE	Marsden Park				
MPI	Marsden Park				
MPG	Marsden Park				
MPE	Marsden Park				
MP	Marsden Park				
MPG	Marsden Park				
MPH	Marsden Park				
NW254	Shanes Park				
NW244	Shanes Park				
NW100	Riverstone	2038	Electricity	Riverstone ZS	21
NW134	Riverstone				
NW140	Riverstone				
NW138	Riverstone West				
NW130	Vineyard				
NW140	Vineyard				
NW110	Riverstone East	2033	Electricity	Riverstone East/ Box Hill ZS	22
NW100	Riverstone East				
NW11	Riverstone East				
NW10	Riverstone East				
NW110	Riverstone East				
NW114	Box Hill and Box Hill Ind.				
NW116	Box Hill and Box Hill Ind.				
NW7E	Box Hill and Box Hill Ind.				
NW158	Box Hill and Box Hill Ind.				
NW14E	Box Hill and Box Hill Ind.				
NW154	Vineyard				
NW14A	Vineyard				
NW10	Box Hill and Box Hill Ind.				
NW14	North Kellyville	2029	Electricity	Mungerie Park ZS	24
NW4A	North Kellyville				

Affecte Sub-catchmen	Affected Precincts	Reaches Capacity	Type of Infrastructure	Infrastructure Item Description	Infrastructure Number
NW5/	North Kellyville				
NW7	Area 20				
NW6/	Area 20				
NW6	Box Hill and Box Hill Ind.				
NW10	Riverstone East	2036	Electricity	Schofields ZS	25
NW10/	Alex Avenue				
NW9/	Alex Avenue				
NW9	Alex Avenue				
NW9	Riverstone				
NW13	Schofields				
NW9I	Schofields				
NW90	Schofields				
NW144	Vineyard	2036	servoir Water	Rouse Hill Water Re	27
NW154	Vineyard				
NW14	Box Hill and Box Hill Ind.				
NW15	Box Hill and Box Hill Ind.				
NW114	Box Hill and Box Hill Ind.				
NW118	Box Hill and Box Hill Ind.				
NW11	Riverstone East				
NW11[	Riverstone East				
NW10	Riverstone East				
NW104	Alex Avenue				
NW100	Riverstone				
NW100	Riverstone East				
NW108	Riverstone East				
NW110	Riverstone East				
NW10	Box Hill and Box Hill Ind.				
NW140	Riverstone				
NW140	Vineyard				
NW130	Vineyard				
NW244	Shanes Park				
NW254	Shanes Park				
MPI	Marsden Park				
MPG	Marsden Park				
MPE	Marsden Park				
MPA	Marsden Park				
MPE	Marsden Park				
MP	Marsden Park				
MPIE	Marsden Park Industrial				
MPNA	Marsden Park North				
MPIC	Marsden Park Industrial				
MPIE	Marsden Park Industrial				
MPIA	Marsden Park Industrial				
NW234	Schofields West				

Infrastructure Number	Infrastructure Item Description	Type of Infrastructure	Reaches Capacity	Affected Precincts	Affected Sub-catchment
				Marsden Park Industrial	NW9E
				Schofields West	NW23B
				Schofields West	NW13D
				Marsden Park North	MPNB
				Marsden Park North	MPNC
				Marsden Park North	MPND
				Riverstone West	NW13B
				Riverstone	NW13A
				Schofields	NW13E
				Riverstone	NW9C
				Alex Avenue	NW9A
				Alex Avenue	NW9B
				Schofields	NW9D
				Schofields West	NW9H
				Schofields	NW9G



# Appendix B. Precinct Data Sheets

Descriptio	Title	Data Sheet
Indicates current authority servicing strategies and indicative deliver dates for bulk/ trunk infrastructure within each of the nominated servic sub-catchments	NWPLRA Current Servicing Strategy	1
Indicates a coordinated authority servicing strategy with indicativ delivery dates for bulk/ trunk infrastructure within each of the nominate service sub-catchments in order to meet market demand, remov development lags and optimise authority capital expenditure	NWPLRA Alternative Servicing Strategy based on a low growth low density scenario	
2028 Indicates a service which could be delaye		2
2020 Indicates a service which could be accelerate		
Indicates an alternate authority servicing strategy with indicativ delivery dates for bulk/ trunk infrastructure within each of the nominate service sub-catchments in order to meet market demand, remov development lags and optimise authority capital expenditure	NWPLRA Alternative Servicing Strategy based on a high growth low density scenario	
2028 Indicates a service which could be delaye		3
2020 Indicates a service which could be accelerate		

#### Table B.1: Precinct Data Sheet Description and Key



CatchmentSubcatchmentBelongs to PrecinctEstimated Minimum Catchment Yield*ServiceDescription of WorksNW9AAlex Avenue1.733SeverPackage 1 - New trunk main along Schofields Road; Package 28.3A - New trunk main along Alex Avenue: Developers may need to provide lead-ins Developers may need to provide lead-insNW9AAlex Avenue1.733Electricity Package 1 - New trunk main along Alex Avenue: Developers may need to provide lead-ins Developers may need to provide lead-insNW9BAlex Avenue661SeverPackage 1 - New trunk main along Alex Avenue: Developers may need to provide lead-ins Developers may need to provide lead-insNW9BAlex Avenue661SeverPackage 1 - New trunk main along Schofields Road; Package 28.3A - New trunk main along Alex Avenue: Developers may need to provide lead-ins Developers may need to provide lead-insNW9BAlex Avenue3.846SeverPackage 28.3A - New trunk main along Schofields Road; Parakage 28.3A - New trunk main along Schofields Package Package 1. 28.3A - New trunk main along Schofields Package Package 1. 28.3A - New trunk main along Schofields Package Package 1. 28.3A - New trunk main along Schofields Package Package 1. 28.3A - New trunk main along Schofields Package Package 1. 28.3A - New trunk main along Schofields Package Package 1. 28.3A - New trunk main along Schofields Package Package 1. 28.3A - New trunk main along Schofields Package Package 28.3A - New trunk main along Schofields Package 28.3A - New trunk main alo	ers may need to ers may need to Con ers may need to Con ers may need to Con reek. Developers Con reek. Developers Con reek. Developers Con reek dand Alex Con reed to provide lead- Con reed to provide lead- Con	ry istructed istructed istructed 2018 istructed istructed istructed istructed istructed istructed istructed istructed istructed istructed istructed	Assumptions and Qualifications Sydney Water GSP Sydney Water GSP Endeavour Energy media release Sydney Water Comments (30.09.2015) Sydney Water GSP Endeavour Energy media release Sydney Water Comments (30.09.2015) Sydney Water GSP & Discussions with Sydney Water Endeavour Energy media release Sydney Water GSP Sydney Water GSP Sydney Water GSP Sydney Water GSP Area 20 re-zoning utilities report prepared by Cardno (2010). Sydney Water GSP
NW3       A       Alex Avenue       1,733       Selver       Package 1 - New trunk main along Schofields Road; Package 23A - New trunk main along Alex Avenue         NW9       A       Alex Avenue       1,733       Water       Package 23A - New trunk main along Alex Avenue         NW9       B       Alex Avenue       1,733       Electricity       Package 23A - New trunk main along Alex Avenue provide lead-in solwsks.         NW9       B       Alex Avenue       661       Serviced by new Schofields Zone Substation. Develope provide lead-in soling Alex Avenue         NW9       B       Alex Avenue       661       Water       Package 1 - New trunk main along Schofields Road; Package 23A - New trunk main along Alex Avenue         NW9       B       Alex Avenue       661       Electricity       Package 1 - New trunk main along Schofields Road; Package 23A - New trunk main along Alex Avenue         NW10       A       Alex Avenue       3.846       Serviced by new trunk main along Schofields Zone Substation. Develope may need to provide lead-ins.         NW10       A       Alex Avenue       3.846       Serviced by resulting infrastructure. Developers may need to provide lead-ins.         NW6       A       Area 20       113       Serviced by exisiting infrastructure. Developers may need to provide lead-ins.         NW6       A       Area 20       2.357       Serviced	ers may need to ers may need to Con ers may need to Con ers may need to Con reek. Developers Con reek. Developers Con reek. Developers Con reek dand Alex Con reed to provide lead- Con reed to provide lead- Con	Istructed Istructed 2018 2018 Istructed Istructed Istructed Istructed Istructed Istructed Istructed Istructed Istructed Istructed	Sydney Water GSP Endeavour Energy media release Sydney Water Comments (30.09.2015) Sydney Water GSP Endeavour Energy media release Sydney Water Comments (30.09.2015) Sydney Water GSP & Discussions with Sydney Water Endeavour Energy media release Sydney Water GSP Sydney Water GSP Sydney Water GSP Area 20 re-zoning utilities report prepared by Cardno (2010).
NW9AAlex Avenue1,733WaterPeckage 2.8.A. New trunk main along Alex Avenue: Developers may need to provide fead-insNW9BAlex Avenue1,733Electricity Provide fead-insPeckage 3.4. New trunk main along Alex Avenue: provide fead-insNW9BAlex Avenue661SewerPackage 1. New trunk main along Alex Avenue; Package 3. extension to package 2 works.NW9BAlex Avenue661WaterPackage 1. New trunk main along Alex Avenue; package 2.823A - New trunk main along First Ponds Cr may need to provide fead-ins.NW10AAlex Avenue3.846SewerPackage 1.283A - New trunk main along Schofields Foad; Package 2.83A - New trunk main along Schofields Foad; Package 1.283A - New trunk mains along Schofields Foad; Package 1.283A - New trunk mains along Schofields Foad Avenue; package 1.283A - New trunk main along Alex Avenue; Package 1.283A - New trunk main along Alex Avenue; Package 1.283A - New trunk mains along Schofields Foad Avenue; Package 1.283A - New trunk mains along Schofields Foad<	ers may need to Con ers may need to Con ers may need to Con reek. Developers Con Rd and Alex Con eed to provide lead- con eed to provide lead- con trunk mains. Only urther works to y need to provide	Istructed Istructed	Endeavour Energy media release Sydney Water Comments (30.09.2015) Sydney Water GSP Endeavour Energy media release Sydney Water Comments (30.09.2015) Sydney Water GSP & Discussions with Sydney Water Endeavour Energy media release Sydney Water GSP Sydney Water GSP Area 20 re-zoning utilities report prepared by Cardno (2010).
NW9AAlex Avenue1,733Electricity Serviced by enew Schofields Zone Substation. Develope provide feeders.NW9BAlex Avenue661SewerPackage 1 - Aven trunk main along Schofields Road; Package 2 - New Schofields Road; Package 1 - 2 & SA - New trunk main along Schofields F Package 1 - 2 & SA - New trunk main along Schofields F Package 1 - 2 & SA - New trunk mains along Schofields F Package 1 - 2 & SA - New trunk mains along Schofields F Package 1 - 2 & SA - New trunk mains along Schofields F Package 1 - 2 & SA - New trunk mains along Schofields F Package 1 - 2 & SA - New trunk mains along Schofields F Package 1 - 2 & SA - New trunk mains along Schofields F Package 1 - 2 & SA - New trunk mains along Schofields F Package 1 - 2 & SA - New trunk main along Schofields F Package 1 - 2 & SA - New trunk main along Schofields F Package 1 - 2 & SA - New trunk mains along Schofields F Package 1 - New neux Hill Main Hill New neuxNW10AAlex Avenue3.846ElectricityCurrently serviced by Schofields Zone Substation. Developers may ne ins.NW6AArea 202.357Sewer	ers may need to       Con         reek. Developers       Con         Rd and Alex       Con         elopers may need       Con         eed to provide lead-       Con         eed to provide lead-       Con         oppers may need to       Con         n. Developers may       Con         trunk mains. Only       Con         urther works to       Con         oppers may need to       Con	Istructed Istructed Istructed Istructed Istructed Istructed Istructed Istructed Istructed Istructed Istructed	release Sydney Water Comments (30.09.2015) Sydney Water GSP Endeavour Energy media release Sydney Water Comments (30.09.2015) Sydney Water GSP & Discussions with Sydney Water Endeavour Energy media release Sydney Water GSP Sydney Water GSP Area 20 re-zoning utilities report prepared by Cardno (2010).
NW9         B         Alex Avenue         661         Sewer         Package 3 - extension to package 2 works.           NW9         B         Alex Avenue         661         Water         Package 1 - New trunk main along Schofields Road; Package 2.8.3 - New trunk main along Alex Avenue; Developers may need to provide lead-in works.           NW9         B         Alex Avenue         661         Electricity         Package 2.8.3 - New trunk main along Alex Avenue; Developers may need to provide lead-in works.           NW10         A         Alex Avenue         3.846         Sewer         Package 2.8.3 - New trunk main along First Ponds Cr may need to provide lead-ins.           NW10         A         Alex Avenue         3.846         Water         Package 1.2.8.3A - New trunk mains along Schofields Zone Substation. Develope may need to provide lead-ins.           NW10         A         Alex Avenue         3.846         Water         Package 1.2.8.3A - New trunk mains along Schofields Zone Substation. Dev to provide lead-ins.           NW6         A         Area 20         143         Sewer         Serviced by exisiting infrastructure. Developers may ne ins.           NW6         A         Area 20         2.357         Serviced by exisiting Second Ponds Creek carrier main ins.           NW7         A         Area 20         2.357         Serviced by Exisiting Second Ponds Creek carrier main ind.     <	ers may need to reek. Developers Rd and Alex Con elopers may need to provide lead- con pers may need to poers may need to con trunk mains. Only urther works to y need to provide con	2018 Istructed Istructed Istructed Istructed Istructed Istructed Istructed Istructed	Sydney Water Comments (30.09.2015) Sydney Water GSP Endeavour Energy media release Sydney Water Comments (30.09.2015) Sydney Water GSP & Discussions with Sydney Water Endeavour Energy media release Sydney Water GSP Sydney Water GSP Area 20 re-zoning utilities report prepared by Cardno (2010).
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NW7AAfea 202,357SewerNW7AArea 202,357WaterPackage 1 - New Rouse Hill Reservoir and associated 1 service to RL 60. Sydney Water may need to deliver fr service areas above RL 60 after 2019. Developers may lead-ins.NW7AArea 202,357ElectricityPackage 1 - New Rouse Hill Reservoir and associated 1 service areas above RL 60 after 2019. Developers may lead-ins.NW6BBox Hill/ Box Hill Industrial318SewerConstrained landNW6BBox Hill/ Box Hill Industrial318WaterConstrained landNW6BBox Hill/ Box Hill Industrial318ElectricityConstrained landNW6BBox Hill/ Box Hill Industrial318ElectricityConstrained landNW7BBox Hill/ Box Hill Industrial540SewerServiced by Exisiting Second Ponds Creek carrier main need to proivde lead-insNW7BBox Hill/ Box Hill Industrial540WaterServiced by exisiting infrastructure. Developers may ne feeders.NW7BBox Hill/ Box Hill Industrial540WaterMungerie Park Zone Substation (1,600 lots - existing);NW7BBox Hill/ Box Hill Industrial540WaterMungerie Park Zone Substation (1,600 lots - existing);	trunk mains. Only urther works to reed to provide Con opers may need to	structed	
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NW7       A       Area 20       2,357       Electricity       provide feeders.         NW6       B       Box Hill/ Box Hill Industrial       318       Sewer       Constrained land         NW6       B       Box Hill/ Box Hill Industrial       318       Water       Constrained land         NW6       B       Box Hill/ Box Hill Industrial       318       Electricity       Constrained land         NW6       B       Box Hill/ Box Hill Industrial       318       Electricity       Constrained land         NW6       B       Box Hill/ Box Hill Industrial       318       Electricity       Constrained land         NW7       B       Box Hill/ Box Hill Industrial       540       Sewer       Serviced by Existing Second Ponds Creek carrier main need to proivde lead-ins         NW7       B       Box Hill/ Box Hill Industrial       540       Water       Serviced by exisiting infrastructure. Developers may ne feeders.         NW7       B       Box Hill/ Box Hill       540       Water       Mungerie Park Zone Substation (1,600 lots - existing);			Sydney Water GSP
NW6       B       Industrial       318       Sewer         NW6       B       Box Hill/ Box Hill Industrial       318       Sewer       Constrained land         NW6       B       Box Hill/ Box Hill Industrial       318       Water       Constrained land         NW6       B       Box Hill/ Box Hill Industrial       318       Electricity       Constrained land         NW7       B       Box Hill/ Box Hill Industrial       540       Sewer       Serviced by Existing Second Ponds Creek carrier main need to proivde lead-ins         NW7       B       Box Hill/ Box Hill Industrial       540       Water       Serviced by exisiting infrastructure. Developers may ne feeders.         NW7       B       Box Hill/ Box Hill Industrial       540       Water       Mungerie Park Zone Substation (1,600 lots - existing);			Area 20 re-zoning utilities report prepared by Cardno (2010).
NW6       B       Industrial       318       Water         NW6       B       Box Hill/ Box Hill Industrial       318       Water         NW6       B       Box Hill/ Box Hill Industrial       318       Electricity       Constrained land         NW7       B       Box Hill/ Box Hill Industrial       540       Sewer       Serviced by Exisiting Second Ponds Creek carrier main need to proivde lead-ins         NW7       B       Box Hill/ Box Hill Industrial       540       Water       Serviced by exisiting infrastructure. Developers may ne feeders.         NW7       B       Box Hill/ Box Hill       540       Water       Mungerie Park Zone Substation (1,600 lots - existing);	Con	strained	-
NW6       B       Industrial       318       Electricity         NW7       B       Box Hill/ Box Hill Industrial       540       Sewer       Serviced by Exisiting Second Ponds Creek carrier main need to proivde lead-ins         NW7       B       Box Hill/ Box Hill Industrial       540       Water       Serviced by exisiting infrastructure. Developers may ne feeders.         NW7       B       Box Hill/ Box Hill       540       Water       Mungerie Park Zone Substation (1,600 lots - existing);	Con	strained	-
NW7       B       Box Hill/ Box Hill Industrial       540       Sewer       need to proivde lead-ins         NW7       B       Box Hill/ Box Hill Industrial       540       Water       Serviced by exisiting infrastructure. Developers may ne feeders.         NW7       B       Box Hill/ Box Hill Industrial       540       Water       Mungerie Park Zone Substation (1,600 lots - existing);	Con	strained	-
NW7         B         B0X Hill/ B0X Hill Industrial         540         Water         feeders.           NW7         B         Box Hill/ Box Hill         540         Flectricity         Mungerie Park Zone Substation (1,600 lots - existing);			Assumed from existing infrastructure and catchments
NW7 B 540 Electricity			Assumed from existing infrastructure and catchments
	Con	structed	ILP Servicing Strategy Report
NW10         F         Box Hill/ Box Hill Industrial         304         Sewer         Package 2&3A - New carrier main along First Ponds Cr may need to provide lead-ins.	reek. Developers Con	ISTRUCTED	Sydney Water comments (30.09.2015)
NW10         F         Box Hill/ Box Hill Industrial         304         Water         Package 2&3A - New carrier mains along Edmund Stre may need to provide lead-ins.	et. Developers Con		Sydney Water comments (30.09.2015)
NW10         F         Box Hill/ Box Hill Industrial         304         Electricity         (1) Mungerie Park Zone Substation (1,600 lots - existing (2) 22Kv Conversion and upgrade in Box Hill area (3,75)	50 lots - 2018)	2018	Endeavour Energy comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan
NW11         A         Box Hill/ Box Hill Industrial         2,057         Sewer         Package 3 - New carrier main along Killarney Chain of I Developers may need to provide lead-ins.	Ponds.	2018	Sydney Water comments (30.09.2015)
NW11         A         Box Hill/ Box Hill Industrial         2,057         Water Water         Package 2&3A - New trunk main along Terry Road. Dev need to provide lead-ins.	velopers may Con	structed	Sydney Water comments (30.09.2015)
NW11         A         Box Hill/ Box Hill Industrial         2,057         Electricity         (1) Mungerie Park Zone Substation (1,600 lots - existing (2) 22Kv Conversion and upgrade in Box Hill area (3,75)	50 lots - 2018)	2018	Endeavour Energy comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan
NW11         B         Box Hill/ Box Hill Industrial         1,485         Sewer         Package 3 - New carrier main along Killarney Chain of I Developers may need to provide lead-ins.	Ponds.		Sydney Water comments
NW11         B         Box Hill/ Box Hill Industrial         1,485         Water         Extension from Package 2&3A Terry Road main.	:	2022	Sydney Water comments (30.09.2015) advised main is part of a future package of works, and has no current date. MM has proposed 2022 to align with ultimate servicing of precinct.
NW11         Box Hill/ Box Hill         Augustian		2018	Riverstone East Infrastructure Precinct Plan & Comments from Endeavour Energy
NW14         B         Box Hill/ Box Hill Industrial         69         Sewer         Package 2&3A - New carrier main along the Killarney C carrier main. Developers may need to provide lead-ins	Chain of Ponds Con		Sydney Water GSP
NW14         B         Box Hill/ Box Hill Industrial         69         Water Water         Serviced by existing infrastructure. Developers may nee in works.	ed to provide lead- Con	structed	Sydney Water GSP
NW14         B         Box Hill/ Box Hill Industrial         69         Electricity         (1) New feeder from Riverstone Zone substation (400 kg (2) 22Kv Conversion and upgrade in Box Hill area (3,75)		2018	Riverstone East Infrastructure Precinct Plan & Comments from Endeavour Energy
NW15         Box Hill/ Box Hill         4,879         Sewer         Package 2&3A - New carrier main along Killarney Chair Developers may need to provide lead-ins.	n of Ponds. Con	structed	Sydney Water Comments (30.09.2015)
NW15         B         Box Hill/ Box Hill Industrial         4,879         Water         Package 2&3A - New trunk main along Terry Road. Dev need to provide lead-ins.           (1) Mungerie Park Zone Substation (1.600 lots - existing         (1) Mungerie Park Zone Substation (1.600 lots - existing	Con	structed	Sydney Water Comments (30.09.2015) Riverstone East Infrastructure
NW15         B         Box Hill/ Box Hill Industrial         4,879         Electricity         (2) 22KV Conversion and upgrade in Box Hill area (3,75) (3) Stage 1 of North Box Hill Zone Substation (2022); (4) New Riverstone East / Box Hill Zone Substation to be (2022). Location to be determined.	50 lots - 2018); be commissioned	2022	Precinct Plan & Comments from Endeavour Energy
NW9         F         Colebee         842         Sewer         Developer has delivered trunk and lead-in infrastructure           NW9         F         Colebee         842         Water         Developer has delivered trunk and lead-in infrastructure			Sydney Water GSP Sydney Water GSP
NW9         F         Colebee         842         Electricity         Developer has delivered feeders. Supply from existing ubstation	Quakers Hill Zone	structed	Endeavour Energy NW Sector Area Plan
NW23         C         Colebee         158         Sewer         Developer has delivered trunk and lead-in infrastructure           NW23         C         Colebee         158         Water         Developer has delivered trunk and lead-in infrastructure		structed	Sydney Water GSP Sydney Water GSP
NW23         C         Colebee         158         Electricity         Developer has delivered feeders. Supply from existing of Substation	001		Endeavour Energy NW Sector



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Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
MP	D	Marsden Park	1,200	Sewer	Services delivered by developer as required	2030	Marsden Park Services
MP	D	Marsden Park	1,200	Water	Services delivered by developer as required	2030	Marsden Park Services Implementation Plan
MP	D	Marsden Park	1,200	Electricity	Services delivered by developer as required	2030	Marsden Park Services Implementation Plan
MP	E	Marsden Park	3,108	Sewer	Services delivered by developer as required	2033	Marsden Park Services
MP	E	Marsden Park	3,108	Water	Services delivered by developer as required	2033	Implementation Plan Marsden Park Services
MP	E	Marsden Park	3,108	Electricity	Services delivered by developer as required	2033	Implementation Plan Marsden Park Services
MP	F	Marsden Park	-	Sewer	Constrained land		Implementation Plan Marsden Park Services
			-		Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	F	Marsden Park	-	Water	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	F	Marsden Park	-	Electricity	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	н	Marsden Park	-	Sewer	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	н	Marsden Park	-	Water		Constrained	Implementation Plan
MP	н	Marsden Park	-	Electricity	Constrained land	Constrained	Marsden Park Services Implementation Plan
ΛP	I.	Marsden Park	-	Sewer	Constrained land	Constrained	Marsden Park Services Implementation Plan
ΛP	L. C. C.	Marsden Park	-	Water	Constrained land	Constrained	Marsden Park Services Implementation Plan
ſΡ	I.	Marsden Park	-	Electricity	Constrained land	Constrained	Marsden Park Services Implementation Plan
ЛР	A	Marsden Park	2,400	Sewer	Services delivered by developer as required	2015	Marsden Park Services Implementation Plan
MP	A	Marsden Park	2,400	Water	Services delivered by developer as required	2015	Marsden Park Services Implementation Plan
MP	A	Marsden Park	2,400	Electricity	Services delivered by developer as required	2015	Marsden Park Services
MP	в	Marsden Park	2,400	Sewer	Services delivered by developer as required	2021	Implementation Plan Marsden Park Services
MP	В	Marsden Park	2,400	Water	Services delivered by developer as required	2021	Implementation Plan Marsden Park Services
 ИР	В	Marsden Park	2,400	Electricity	Services delivered by developer as required	2021	Implementation Plan Marsden Park Services
	c			-	Services delivered by developer as required	2027	Implementation Plan Marsden Park Services
		Marsden Park	1,200	Sewer	Services delivered by developer as required		Implementation Plan Marsden Park Services
ИР	С	Marsden Park	1,200	Water	Services delivered by developer as required	2027	Implementation Plan Marsden Park Services
ЛР	С	Marsden Park	1,200	Electricity	Constrained land	2027	Implementation Plan Marsden Park Services
MP	G	Marsden Park	-	Sewer		Constrained	Implementation Plan
MP	G	Marsden Park	-	Water	Constrained land	Constrained	Marsden Park Services Implementation Plan
MP	G	Marsden Park	-	Electricity	Constrained land	Constrained	Marsden Park Services Implementation Plan
NW9	E	Marsden Park Industrial	-	Sewer	Constrained land	Constrained	Indicative Layout Plan
NW9	E	Marsden Park Industrial	-	Water	Constrained land	Constrained	Indicative Layout Plan
NW9	E	Marsden Park Industrial	-	Electricity	Constrained land	Constrained	Indicative Layout Plan
MPI	A	Marsden Park	600	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report
	^	Industrial	000	Jewei	New main class Dishmand Dood	2017	(2009)
MPI	Α	Marsden Park Industrial	600	Water	New main along Richmond Road	Constructed	Sydney Water Comments (30.09.2015)
МРІ	A	Marsden Park Industrial	600	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)
MPI	В	Marsden Park Industrial	-	Sewer	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
MPI	В	Marsden Park Industrial	-	Water	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
MPI	в	Marsden Park Industrial	-	Electricity	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
MPI	с	Marsden Park Industrial	400	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
ИРІ	с	Marsden Park Industrial	400	Water	New main along Richmond Road	Constructed	Sydney Water Comments (30.09.2015)
МРІ	с	Marsden Park Industrial	400	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)
MPI	D	Marsden Park Industrial	228	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
MPI	D	Marsden Park Industrial	228	Water	New main - extension from Bidwill area	2026	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
МРІ	D	Marsden Park Industrial	228	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)



atchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
IPN	A	Marsden Park North	2,000	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	Α	Marsden Park North	2,000	Water	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	A	Marsden Park North	2,000	Electricity	New Zone Substation	2016	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	В	Marsden Park North	800	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	В	Marsden Park North	800	Water	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	в	Marsden Park North	800	Electricity	New Zone Substation	2016	Preliminary Marsden Park North Infrastructure Services Assessment
PN	с	Marsden Park North	1,200	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2024	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	с	Marsden Park North	1,200	Water	Trunk and lead-in infrastructure to be delivered by developer	2024	Preliminary Marsden Park North Infrastructure Services Assessment
PN	с	Marsden Park North	1,200	Electricity	New Zone Substation	2024	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	D	Marsden Park North	-	Sewer	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	D	Marsden Park North	-	Water	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
IPN	D	Marsden Park North	-	Electricity	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
W1 W1	A A	North Kellyville North Kellyville	719 719	Sewer Water	Serviced by existing infrastructure. Sydney Water to provide lead-ins Largely serviced by existing infrastructure. Sydney Water may provide	Constructed 2018	Sydney Water GSP Sydney Water Comments
w1	A	North Kellyville	719	Electricity	lead-ins as part of Package 3 as required. Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	(30.09.2015) Discussions with Endeavour Energy
W4	A	North Kellyville	1,774	Sewer	Package 1 - New carrier main along Smalls Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
/4	A	North Kellyville	1,774	Water	Package 1 - New trunk main along Hazlett Road. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
N4	A	North Kellyville	1,774	Electricity	Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	Discussions with Endeavour Energy
V5	Α	North Kellyville	2,691	Sewer	Package 2&3A - New carrier main along Cattai Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
/5	A	North Kellyville	2,691	Water	Package 1 - New trunk main along Hazlett Road. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
/5	A	North Kellyville	2,691	Electricity	Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	Discussions with Endeavour Energy
<b>N</b> 9	С	Riverstone	841	Sewer	Package 1 - New carrier main. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
/9	с	Riverstone	841	Water	Serviced by existing infrastructure. Developers may need to provide lead- in works. Serviced by new Schofields Zone Substation. Developers may need to	Constructed	Sydney Water GSP Assumed based on
W9	c	Riverstone	841	Electricity	provide feeders. Package 2&3A - New carrier main along First Ponds Creek. Developers	Constructed	surrounding area servicing strategy Sydney Water Comments
W10	D	Riverstone	2,735	Sewer	may need to provide lead-ins. Package 2&3A - New trunk mains through Riverstone East. Developers	Constructed	(30.09.2015) Sydney Water Comments
W10	D D	Riverstone	2,735	Water	may need to provide lead-ins. Newly constructed Schofields Zone Substation and Riverstone Zone Substation will service the entire precinct. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	Constructed 2022	(30.09.2015) Discussions with Endeavour Energy & comments (30.09.2015)
W13	A	Riverstone	3,043	Sewer	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
V13	A	Riverstone	3,043	Water	Package 2&3A - New trunk mains through Riverstone East. Developers may need to provide lead-ins	Constructed	Sydney Water GSP
V13	A	Riverstone	3,043	Electricity	Supply from Riverstone Zone Substation. However, Augmentation works in Box Hill will need to be undertaken to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2018	Discussions with Endeavour Energy & comments (30.09.2015)
N14	с	Riverstone	2,280	Sewer	Package 2&3A - New carrier main connecting to the Killarney Chain of Ponds carrier main. Developers may need to provide lead-ins	Constructed	Sydney Water GSP
N14	с	Riverstone	2,280	Water	Portids carrier main. Developers may need to provide lead-ins Package 2&3A - New trunk main along Edmund St. Developers may need to proivde lead-ins.	Constructed	Sydney Water GSP
IW14	с	Riverstone	2,280	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill or Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide lead-ins.	2022	Discussions with Endeavour Energy & comments (30.09.2015)
IW10	В	Riverstone East	1,800	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	2015	Sydney Water GSP. Yield from DP&E.
IW10	В	Riverstone East	1,800	Water	Package 2&3A - New trunk main along Tallawong and Guntawong Roads. Developers may need to provide lead-ins	2015	Sydney Water GSP. Yield from DP&E.
IW10	в	Riverstone East	1,800	Electricity	Schofields Zone Substation. Developers to provide feeders (1,400 lots only).	Constructed	Riverstone East Infrastructure Precinct Plan



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	IDescription of works	Anticipated Delivery	Assumptions and Qualifications
NW10	с	Riverstone East	1,400	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan. Yield from DP&E.
NW10	с	Riverstone East	1,400	Water	Package 2&3A - New trunk mains along Clarke Street and Garfield Road East respectively. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan. Yield from DP&E.
NW10	с	Riverstone East	1,400	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned. Location to be determined.	2022	Riverstone East Infrastructure Precinct Plan
NW10	E	Riverstone East	1,256	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	E	Riverstone East	1,256	Water	Package 2&3A - New trunk mains along Edmund Street. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	E	Riverstone East	1,256	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned. Location to be determined.	2022	Riverstone East Infrastructure Precinct Plan
NW11	С	Riverstone East	451	Sewer	Package 3 - New carrier main along Killarney Chain of Ponds.	2018	Sydney Water Comments
NW11	с	Riverstone East	451	Water	Developers may need to provide lead-ins. Package 2&3A - New trunk main along Garfield Road East. Developers	Constructed	(30.09.2015) Sydney Water Comments
NW11	с	Riverstone East	451	Electricity	may need to provide lead-ins. New Riverstone East / Box Hill Zone Substation to be commissioned.	2022	(30.09.2015) Riverstone East Infrastructure
NW11	D	Riverstone East	1,093	Sewer	Location to be determined. Package 3 - New carrier main to Killarney Chain of Ponds. Developers	2020	Precinct Plan Sydney Water GSP
NW11	D	Riverstone East	1,003	Water	may need to provide lead-ins. Package 2&3A - New trunk main along Terry Road. Developers may	Constructed	Sydney Water GSP
			,		need to provide lead-ins. New Riverstone East / Box Hill Zone Substation to be commissioned.		Riverstone East Infrastructure
NW11 NW11	D E	Riverstone East	1,093	Electricity	Location to be determined. Constrained land	2022 Constrained	Precinct Plan
NW11 NW11	E	Riverstone East	-	Water	Constrained land Constrained land	Constrained	-
NW13	B	Riverstone East Riverstone West	-	Electricity Sewer	Serviced by existing infrastructure. Developers may need to provide lead-	Constrained Constructed	Sydney Water GSP
NW13	В	Riverstone West	_	Water	ins Serviced by existing infrastructure. Developers may need to provide lead-	Constructed	Sydney Water GSP
NW13	в	Riverstone West	-	Electricity	ins Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2022	Assumed based on Indicative Layout Plan & post exhibition report.
NW9	D	Schofields	1,541	Sewer	Package 2 - New services. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW9	D	Schofields	1,541	Water	Package 2 - New services. Developers may need to provide lead-in works.	Constructed	Sydney Water GSP
NW9	D	Schofields	1,541	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy NW Sector Area Plan
NW9	G	Schofields	1,170	Sewer	Package 3 - extension to package 2 works.	2018	Sydney Water comments (30.09.2015)
NW9	G	Schofields	1,170	Water	Serviced by existing infrastructure Serviced by new Schofields Zone Substation. Developers may need to	Constructed	Sydney Water Endeavour Energy NW Sector
NW9	G	Schofields	1,170	Electricity	provide feeders.	Constructed	Area Plan
NW13	E	Schofields	100	Sewer	Package 1 - New carrier main. Developers may need to provide lead-ins.	Constructed	Sydney Water Advice
NW13	E	Schofields	100	Water	Serviced by existing infrastructure. Developers may need to provide lead- in works.	Constructed	Sydney Water advice
NW13	E	Schofields	100	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy NW Sector Area Plan
NW9	н	Schofields West	852	Sewer	New sewer gravity carrier, pumping station and rising main to exisitng Riverstone network	2036	Sydney Water Advice
NW9	Н	Schofields West	852	Water	upgrades to existing infrastructure Serviced by Marsden Park Zone Substation - Stage 2	2019	Sydney Water Advice Endeavour Energy comments
NW9	н	Schofields West	852	Electricity		2021	(30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW13	D	Schofields West	547	Sewer	New gravity carrier main, SPS B and associated rising main to existing Riverstone network.	2036	Sydney Water comments (30.09.2015)
NW13	D	Schofields West	547	Water	upgrades to existing infrastructure Serviced by Marsden Park Zone Substation - Stage 2	2019	Sydney Water Advice Endeavour Energy comments
NW13	D	Schofields West	547	Electricity		2021	(30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW23	A	Schofields West	354	Sewer	New pumping station 'S' and rising main to exisitng Riverstone network	2036	Sydney Water Advice
NW23 NW23	A	Schofields West	354	Water Electricity	upgrades to existing infrastructure Serviced by Marsden Park Zone Substation - Stage 2	2019 2021	Sydney Water Advice Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden
NW23	B	Schofields West	247	Sewer	New gravity main to pumping station 'B'	2036	Park Sydney Water comments
NW23 NW23	B	Schofields West	247	Water	upgrades to existing infrastructure	2036	(30.09.2015) Sydney Water Advice
NW23	в	Schofields West	247	Electricity	Serviced by Marsden Park Zone Substation	2021	Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW24	A	Shanes Park	59	Sewer	Future works - extension to Marsden Park works (SPS A)	2036	Sydney Water Comments (30.09.2015)
NW24	Α	Shanes Park	59	Water	Future works - extension to Marsden Park works	2043	Sydney Water Advice
NW24	A	Shanes Park	59	Electricity	Supply from Marsden Park Zone Substation Stage 2 - Developers may need to provide feeders	2021	Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW25	Α	Shanes Park	441	Sewer	Future works - extension to Marsden Park works (SPS A)	2036	Sydney Water comments (30.09.2015)
NW25 NW25	A	Shanes Park Shanes Park	441	Water	Future works - extension to Marsden Park works Supply from Marsden Park Zone Substation Stage 2 - Developers may need to provide feeders	2043	Sydney Water Advice Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on
		Shanoo F ark	**** [	Licourony		2021	Developer rollout of Marsden Park



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	IDescription of works	Anticipated Delivery	Assumptions and Qualifications
NW13	С	Vineyard	460	Sewer	Package 3 - Sydney Water has commenced detailed planning.	2020	Sydney Water comments (30.09.2015)
NW13	C	Vineyard	460	Water	Package 3 - Sydney Water has commenced detailed planning.	2026	Sydney Water GSP
NW13	c	Vineyard	460	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2022	Discussions with Endeaavour Energy
NW14	A	Vineyard	789	Sewer	Package 2&3A - New carrier main along Killarney Chain of Ponds, new pumping station and associated pressure mains to existing sewerage treatment plant. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW14	A	Vineyard	789	Water	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW14	A	Vineyard	789	Electricity	<ul><li>(1) New feeder from Riverstone Zone substation (400 lots)</li><li>(2) 22Kv Conversion and upgrade in Box Hill area (600 lots);</li></ul>	2018	Discussions with Endeavour Energy and comments on 30.09.2015
NW14	D	Vineyard	1,069	Sewer	Package 3 - Sydney Water has commenced detailed planning.	2018	Sydney Water comments (30.09.2015)
NW14	D	Vineyard	1,069	Water	Package 3 - Sydney Water has commenced detailed planning.	2026	Sydney Water GSP
NW14	D	Vineyard	1,069	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide lead-ins.	2022	Discussions with Endeavour Energy.
NW15	A	Vineyard	182	Sewer	Package 2&3A - New carrier main along Killarney Chain of Ponds. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW15	A	Vineyard	182	Water	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW15	A	Vineyard	182	Electricity	<ul><li>(1) New feeder from Riverstone Zone substation (400 lots)</li><li>(2) 22Kv Conversion and upgrade in Box Hill area (600 lots);</li></ul>	2018	Discussions with Endeavour Energy and comments on 30.09.2015

\*Approximate estimate of yield based on 15 lots per hectare, to the nearest 10 lots and/or area



### North West Priority Land Release Area Infrastructure Masterplan - Low Growth

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Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
NW9	A	Alex Avenue	1,733	Sewer	Package 1 - New carrier main. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW9	A	Alex Avenue	1,733	Water	Package 1 - New trunk main along Schofields Road; Package 2&3A - New trunk main along Alex Avenue; Developers may need to provide lead-in works.	Constructed	Sydney Water GSP
NW9	А	Alex Avenue	1,733	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy media release
NW9	В	Alex Avenue	661	Sewer	Package 3 - extension to package 2 works.	2018	Sydney Water Comments (30.09.2015)
NW9	в	Alex Avenue	661	Water	Package 1 - New trunk main along Schofields Road; Package 2&3A - New trunk main along Alex Avenue; Developers may need to provide lead-in works.	Constructed	Sydney Water GSP
NW9	В	Alex Avenue	661	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy media release
NW10	A	Alex Avenue	3,846	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	A	Alex Avenue	3,846	Water	Package 1, 2&3A - New trunk mains along Schofields Rd and Alex Avenue.	Constructed	Sydney Water GSP & Discussions with Sydney Water
NW10	A	Alex Avenue	3,846	Electricity	Currently serviced by Schofields Zone Substation. Developers may need to provide lead-ins	Constructed	Endeavour Energy media release
NW6	A	Area 20	143	Sewer	Serviced by exisiting infrastructure. Developers may need to provide lead- ins.	Constructed	Sydney Water GSP
NW6	A	Area 20	143	Water	Serviced by exisiting infrastructure. Developers may need to provide lead- ins.	Constructed	Sydney Water GSP
NW6	A	Area 20	143	Electricity	Supply from new Mungerie Park ZS (complete). Developers may need to provide feeders.	Constructed	Area 20 re-zoning utilities report prepared by Cardno (2010).
NW7	А	Area 20	2,357	Sewer	Serviced by Exisiting Second Ponds Creek carrier main. Developers may need to proivde lead-ins	Constructed	Sydney Water GSP
NW7	A	Area 20	2,357	Water	Package 1 - New Rouse Hill Reservoir and associated trunk mains. Only serviced to RL 60. Sydney Water may need to deliver further works to service areas above RL 60 after 2019. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW7	А	Area 20	2,357	Electricity	Supply from new Mungerie Park ZS (complete). Developers may need to provide feeders.	Constructed	Area 20 re-zoning utilities report prepared by Cardno (2010).
NW6	В	Box Hill/ Box Hill Industrial	318	Sewer	Constrained land	Constrained	-
NW6	В	Box Hill/ Box Hill Industrial	318	Water	Constrained land	Constrained	-
NW6	в	Box Hill/ Box Hill Industrial	318	Electricity	Constrained land	Constrained	-
NW7	В	Box Hill/ Box Hill Industrial	540	Sewer	Serviced by Exisiting Second Ponds Creek carrier main. Developers may need to proivde lead-ins	Constructed	Assumed from existing infrastructure and catchments
NW7	В	Box Hill/ Box Hill Industrial	540	Water	Serviced by exisiting infrastructure. Developers may need to provide feeders.	Constructed	Assumed from existing infrastructure and catchments
NW7	В	Box Hill/ Box Hill Industrial	540	Electricity	Mungerie Park Zone Substation (1,600 lots - existing);	Constructed	ILP Servicing Strategy Report
NW10	F	Box Hill/ Box Hill Industrial	304	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water comments (30.09.2015)
NW10	F	Box Hill/ Box Hill Industrial	304	Water	Package 2&3A - New carrier mains along Edmund Street. Developers may need to provide lead-ins.	Constructed	Sydney Water comments (30.09.2015)
NW10	F	Box Hill/ Box Hill Industrial	304	Electricity	<ul> <li>(1) Mungerie Park Zone Substation (1,600 lots - existing);</li> <li>(2) 22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> </ul>	2018	Endeavour Energy comments (30.09.2015) & Riverstone East Infrastructure Precinct
NW11	A	Box Hill/ Box Hill	2,057	Sewer	Package 3 - New carrier main along Killarney Chain of Ponds.	2018	Plan Sydney Water comments
NW11	A	Industrial Box Hill/ Box Hill	2,057	Water	Developers may need to provide lead-ins. Package 2&3A - New trunk main along Terry Road. Developers may	Constructed	(30.09.2015) Sydney Water comments
NW11	A	Industrial Box Hill/ Box Hill Industrial	2,057	Electricity	need to provide lead-ins. (1) Mungerie Park Zone Substation (1,600 lots - existing); (2) 22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);	2018	(30.09.2015) Endeavour Energy comments (30.09.2015) & Riverstone East Infrastructure Precinct
NW11	в	Box Hill/ Box Hill	1,485	Sewer	Package 3 - New carrier main along Killarney Chain of Ponds.	2018	Plan Sydney Water comments
NW11	В	Box Hill/ Box Hill	1,485	Water	Developers may need to provide lead-ins. Extension from Package 2&3A Terry Road main.	2022	Sydney Water comments (30.09.2015) advised main is part of a future package of works, and has no current date. MM has proposed 2022 to align with ultimate servicing of precinct.
NW11	В	Box Hill/ Box Hill Industrial	1,485	Electricity	<ul> <li>(1) Mungerie Park Zone Substation (1,600 lots - existing);</li> <li>(2) 22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> </ul>	2018	Riverstone East Infrastructure Precinct Plan & Comments from Endeavour Energy
NW14	В	Box Hill/ Box Hill Industrial	69	Sewer	Package 2&3A - New carrier main along the Killarney Chain of Ponds carrier main. Developers may need to provide lead-ins	Constructed	Sydney Water GSP
NW14	в	Box Hill/ Box Hill Industrial	69	Water	Serviced by existing infrastructure. Developers may need to provide lead- in works.	Constructed	Sydney Water GSP
NW14	в	Box Hill/ Box Hill Industrial	69	Electricity	<ol> <li>New feeder from Riverstone Zone substation (400 lots -existing)</li> <li>(2) 22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> </ol>	2018	Riverstone East Infrastructure Precinct Plan & Comments from Endeavour Energy
NW15	В	Box Hill/ Box Hill Industrial	4,879	Sewer	Package 2&3A - New carrier main along Killarney Chain of Ponds. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW15	В	Box Hill/ Box Hill Industrial	4,879	Water	Package 2&3A - New trunk main along Terry Road. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW15	В	Box Hill/ Box Hill Industrial	4,879	Electricity	<ol> <li>Mungerie Park Zone Substation (1,600 lots - existing);</li> <li>22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> <li>Stage 1 of North Box Hill Zone Substation (2022);</li> <li>New Riverstone East / Box Hill Zone Substation to be commissioned (2022). Location to be determined.</li> </ol>	2028	Riverstone East Infrastructure Precinct Plan & Comments from Endeavour Energy
NW9 NW9	F F	Colebee Colebee	842 842		Developer has delivered trunk and lead-in infrastructure Developer has delivered trunk and lead-in infrastructure	Constructed Constructed	Sydney Water GSP Sydney Water GSP
NW9	F	Colebee	842	Electricity	Developer has delivered feeders. Supply from existing Quakers Hill Zone Substation	Constructed	Endeavour Energy NW Sector Area Plan
NW23 NW23	C C	Colebee Colebee	158 158	Sewer Water	Developer has delivered trunk and lead-in infrastructure Developer has delivered trunk and lead-in infrastructure	Constructed Constructed	Sydney Water GSP Sydney Water GSP
NW23	с	Colebee	158	Electricity	Developer has delivered feeders. Supply from existing Quakers Hill Zone Substation	Constructed	Endeavour Energy NW Sector Area Plan - date assumed



### North West Priority Land Release Area Infrastructure Masterplan - Low Growth

Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
MP	D	Marsden Park	1,200	Sewer	Services delivered by developer as required	2030	Marsden Park Services Implementation Plan
MP	D	Marsden Park	1,200	Water	Services delivered by developer as required	2030	Marsden Park Services Implementation Plan
MP	D	Marsden Park	1,200	Electricity	Services delivered by developer as required	2030	Marsden Park Services Implementation Plan
MP	E	Marsden Park	3,108	Sewer	Services delivered by developer as required	2033	Marsden Park Services Implementation Plan
MP	E	Marsden Park	3,108	Water	Services delivered by developer as required	2033	Marsden Park Services
MP	E	Marsden Park	3,108	Electricity	Services delivered by developer as required	2033	Implementation Plan Marsden Park Services
MP	F	Marsden Park	-	Sewer	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	F	Marsden Park		Water	Constrained land	Constrained	Implementation Plan Marsden Park Services
 MP	F	Marsden Park		Electricity	Constrained land	Constrained	Implementation Plan Marsden Park Services
			-	,	Constrained land		Implementation Plan Marsden Park Services
MP	H	Marsden Park	-	Sewer	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	н	Marsden Park	-	Water	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	н	Marsden Park	-	Electricity		Constrained	Implementation Plan Marsden Park Services
MP	I	Marsden Park	-	Sewer	Constrained land	Constrained	Implementation Plan
MP	1	Marsden Park	-	Water	Constrained land	Constrained	Marsden Park Services Implementation Plan
MP	I.	Marsden Park	-	Electricity	Constrained land	Constrained	Marsden Park Services Implementation Plan
MP	A	Marsden Park	2,400	Sewer	Services delivered by developer as required	2015	Marsden Park Services Implementation Plan
MP	A	Marsden Park	2,400	Water	Services delivered by developer as required	2015	Marsden Park Services Implementation Plan
MP	А	Marsden Park	2,400	Electricity	Services delivered by developer as required	2015	Marsden Park Services Implementation Plan
MP	В	Marsden Park	2,400	Sewer	Services delivered by developer as required	2021	Marsden Park Services Implementation Plan
MP	В	Marsden Park	2,400	Water	Services delivered by developer as required	2021	Marsden Park Services
MP	В	Marsden Park	2,400	Electricity	Services delivered by developer as required	2021	Implementation Plan Marsden Park Services
MP	с	Marsden Park	1,200	Sewer	Services delivered by developer as required	2027	Implementation Plan Marsden Park Services
 МР	c	Marsden Park	1,200	Water	Services delivered by developer as required	2027	Implementation Plan Marsden Park Services
			· · · · ·		Services delivered by developer as required		Implementation Plan Marsden Park Services
MP	C	Marsden Park	1,200	Electricity	Constrained land	2027	Implementation Plan Marsden Park Services
MP	G	Marsden Park	-	Sewer	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	G	Marsden Park	-	Water	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	G	Marsden Park	-	Electricity		Constrained	Implementation Plan
NW9	E	Marsden Park Industrial	-	Sewer	Constrained land	Constrained	Indicative Layout Plan
NW9	E	Marsden Park Industrial	-	Water	Constrained land	Constrained	Indicative Layout Plan
NW9	E	Marsden Park Industrial	-	Electricity	Constrained land	Constrained	Indicative Layout Plan
MPI	A	Marsden Park Industrial	600	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
МРІ	А	Marsden Park Industrial	600	Water	New main along Richmond Road	Constructed	Sydney Water Comments (30.09.2015)
МРІ	A	Marsden Park Industrial	600	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)
MPI	В	Marsden Park Industrial	-	Sewer	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
МРІ	в	Marsden Park Industrial	-	Water	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
MPI	в	Marsden Park Industrial	-	Electricity	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
MPI	с	Marsden Park Industrial	400	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
MPI	с	Marsden Park Industrial	400	Water	New main along Richmond Road	Constructed	Sydney Water Comments (30.09.2015)
MPI	с	Marsden Park Industrial	400	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)
MPI	D	Marsden Park Industrial	228	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
MPI	D	Marsden Park Industrial	228	Water	New main - extension from Bidwill area	2026	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
MPI	D	Marsden Park Industrial	228	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)



### North West Priority Land Release Area Infrastructure Masterplan - Low Growth

Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
MPN	A	Marsden Park North	2,000	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	A	Marsden Park North	2,000	Water	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	А	Marsden Park North	2,000	Electricity	New Zone Substation	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	в	Marsden Park North	800	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	В	Marsden Park North	800	Water	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	В	Marsden Park North	800	Electricity	New Zone Substation	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	с	Marsden Park North	1,200	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2024	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	с	Marsden Park North	1,200	Water	Trunk and lead-in infrastructure to be delivered by developer	2024	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	с	Marsden Park North	1,200	Electricity	New Zone Substation	2024	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	D	Marsden Park North	-	Sewer	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	D	Marsden Park North	-	Water	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	D	Marsden Park North	-	Electricity	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
NW1	A	North Kellyville	719	Sewer	Serviced by existing infrastructure. Sydney Water to provide lead-ins Largely serviced by existing infrastructure. Sydney Water may provide	Constructed	Sydney Water GSP Sydney Water Comments
NW1	A	North Kellyville	719	Water	lead-ins as part of Package 3 as required. Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with	2018	(30.09.2015) Discussions with Endeavour
NW1	A	North Kellyville	719	Electricity	second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	Energy
NW4	A	North Kellyville	1,774	Sewer	Package 1 - New carrier main along Smalls Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW4	A	North Kellyville	1,774	Water	Package 1 - New trunk main along Hazlett Road. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW4	A	North Kellyville	1,774	Electricity	Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	Discussions with Endeavour Energy
NW5	A	North Kellyville	2,691	Sewer	Package 2&3A - New carrier main along Cattai Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW5	Α	North Kellyville	2,691	Water	Package 1 - New trunk main along Hazlett Road. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW5	A	North Kellyville	2,691	Electricity	Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	Discussions with Endeavour Energy
NW9	с	Riverstone	841	Sewer	Package 1 - New carrier main. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW9	с	Riverstone	841	Water	Serviced by existing infrastructure. Developers may need to provide lead- in works.	Constructed	Sydney Water GSP
NW9	с	Riverstone	841	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Assumed based on surrounding area servicing strategy
NW10	D	Riverstone	2,735	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	D	Riverstone	2,735	Water	Package 2&3A - New trunk mains through Riverstone East. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	D	Riverstone	2,735	Electricity	Newly constructed Schofields Zone Substation and Riverstone Zone Substation will service the entire precinct. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2028	Discussions with Endeavour Energy & comments (30.09.2015)
NW13	A	Riverstone	3,043	Sewer	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW13	A	Riverstone	3,043	Water	Package 2&3A - New trunk mains through Riverstone East. Developers may need to provide lead-ins	Constructed	Sydney Water GSP
NW13	A	Riverstone	3,043	Electricity	Supply from Riverstone Zone Substation. However, Augmentation works in Box Hill will need to be undertaken to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2028	Discussions with Endeavour Energy & comments (30.09.2015)
NW14	с	Riverstone	2,280	Sewer	Package 2&3A - New carrier main connecting to the Killarney Chain of Ponds carrier main. Developers may need to provide lead-ins	Constructed	Sydney Water GSP
NW14	с	Riverstone	2,280	Water	Package 2&3A - New trunk main along Edmund St. Developers may need to provde lead-ins.	Constructed	Sydney Water GSP
NW14	с	Riverstone	2,280	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill or Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide lead-ins.	2028	Discussions with Endeavour Energy & comments (30.09.2015)
NW10	В	Riverstone East	1,800	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	2015	Sydney Water GSP. Yield from DP&E.
NW10	В	Riverstone East	1,800	Water	Package 2&3A - New trunk main along Tallawong and Guntawong Roads. Developers may need to provide lead-ins	2015	Sydney Water GSP. Yield from DP&E.
NW10	В	Riverstone East	1,800	Electricity	Schofields Zone Substation. Developers to provide feeders (1,400 lots only).	Constructed	Riverstone East Infrastructure Precinct Plan



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
NW10	с	Riverstone East	1,400	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan. Yield from DP&E.
NW10	с	Riverstone East	1,400	Water	Package 2&3A - New trunk mains along Clarke Street and Garfield Road East respectively. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan. Yield from DP&E.
NW10	с	Riverstone East	1,400	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned. Location to be determined.	2028	Riverstone East Infrastructure Precinct Plan
NW10	E	Riverstone East	1,256	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	E	Riverstone East	1,256	Water	Package 2&3A - New trunk mains along Edmund Street. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	E	Riverstone East	1,256	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned. Location to be determined.	2028	Riverstone East Infrastructure Precinct Plan
NW11	с	Riverstone East	451	Sewer	Package 3 - New carrier main along Killarney Chain of Ponds. Developers may need to provide lead-ins.	2018	Sydney Water Comments (30.09.2015)
NW11	с	Riverstone East	451	Water	Package 2&3A - New trunk main along Garfield Road East. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW11	с	Riverstone East	451	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned. Location to be determined.	2028	Riverstone East Infrastructure Precinct Plan
NW11	D	Riverstone East	1,093	Sewer	Package 3 - New carrier main to Killarney Chain of Ponds. Developers may need to provide lead-ins.	2020	Sydney Water GSP
NW11	D	Riverstone East	1,093	Water	Package 2&3A - New trunk main along Terry Road. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW11	D	Riverstone East	1,093	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned.	2028	Riverstone East Infrastructure
NW11	E	Riverstone East	-	Sewer	Location to be determined. Constrained land	Constrained	Precinct Plan -
NW11 NW11	E E	Riverstone East Riverstone East	-	Water Electricity	Constrained land Constrained land	Constrained Constrained	- -
NW13	В	Riverstone West	-	Sewer	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW13	в	Riverstone West	-	Water	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW13	В	Riverstone West	-	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2028	Assumed based on Indicative Layout Plan & post exhibition report.
NW9	D	Schofields	1,541	Sewer	Package 2 - New services. Developers may need to provide lead-ins. Package 2 - New services. Developers may need to provide lead-in	Constructed	Sydney Water GSP Sydney Water GSP
NW9	D	Schofields	1,541	Water	works. Serviced by new Schofields Zone Substation. Developers may need to	Constructed	Endeavour Energy NW Sector
NW9	D	Schofields	1,541	Electricity	provide feeders. Package 3 - extension to package 2 works.	Constructed	Area Plan Sydney Water comments
NW9 NW9	G G	Schofields Schofields	1,170	Sewer Water	Serviced by existing infrastructure	2028 Constructed	(30.09.2015) Sydney Water
NW9	G	Schofields	1,170	Electricity	Serviced by new Scholids Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy NW Sector Area Plan
NW13	E	Schofields	100	Sewer	Package 1 - New carrier main. Developers may need to provide lead-ins.	Constructed	Sydney Water Advice
NW13	E	Schofields	100	Water	Serviced by existing infrastructure. Developers may need to provide lead- in works.	Constructed	Sydney Water advice
NW13	E	Schofields	100	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy NW Sector Area Plan
NW9	н	Schofields West	852	Sewer	New sewer gravity carrier, pumping station and rising main to exisitng	2039	Sydney Water Advice
NW9	н	Schofields West	852	Water	Riverstone network upgrades to existing infrastructure	2039	Sydney Water Advice
NW9	н	Schofields West	852	Electricity	Serviced by Marsden Park Zone Substation - Stage 2	2021	Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW13	D	Schofields West	547	Sewer	New gravity carrier main, SPS B and associated rising main to existing Riverstone network.	2039	Sydney Water comments (30.09.2015)
NW13	D	Schofields West	547	Water	upgrades to existing infrastructure Serviced by Marsden Park Zone Substation - Stage 2	2039	Sydney Water Advice Endeavour Energy comments
NW13	D	Schofields West	547	Electricity		2021	(30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW23	Α	Schofields West	354	Sewer	New pumping station 'S' and rising main to exisitng Riverstone network	2039	Sydney Water Advice
<u>NW23</u> NW23	A	Schofields West	354	Water	upgrades to existing infrastructure Serviced by Marsden Park Zone Substation - Stage 2	2039 2021	Sydney Water Advice Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW23	в	Schofields West	247	Sewer	New gravity main to pumping station 'B'	2039	Park Sydney Water comments
NW23	B	Schofields West	247	Water	upgrades to existing infrastructure	2039	(30.09.2015) Sydney Water Advice
NW23	В	Schofields West	247	Electricity	Serviced by Marsden Park Zone Substation	2021	Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW24	A	Shanes Park	59	Sewer	Future works - extension to Marsden Park works (SPS A)	2044	Sydney Water Comments (30.09.2015)
NW24	Α	Shanes Park	59	Water	Future works - extension to Marsden Park works Supply from Marsden Park Zone Substation Stage 2 - Developers may	2044	Sydney Water Advice Endeavour Energy comments
NW24	A	Shanes Park	59	Electricity	need to provide feeders	2021	(30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW25	Α	Shanes Park	441	Sewer	Future works - extension to Marsden Park works (SPS A)	2044	Sydney Water comments (30.09.2015)
NW25 NW25	A	Shanes Park Shanes Park	441	Water Electricity	Future works - extension to Marsden Park works Supply from Marsden Park Zone Substation Stage 2 - Developers may need to provide feeders	2044 2021	Sydney Water Advice Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service		Anticipated Delivery	Assumptions and Qualifications
NW13	С	Vineyard	460	Sewer	Package 3 - Sydney Water has commenced detailed planning.	2043	Sydney Water comments (30.09.2015)
NW13	C	Vineyard	460	Water	Package 3 - Sydney Water has commenced detailed planning.	2043	Sydney Water GSP
NW13	с	Vineyard	460	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2028	Discussions with Endeaavour Energy
NW14	A	Vineyard	789	Sewer	Package 2&3A - New carrier main along Killarney Chain of Ponds, new pumping station and associated pressure mains to existing sewerage treatment plant. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW14	A	Vineyard	789	Water	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW14	A	Vineyard	789	Electricity	<ul><li>(1) New feeder from Riverstone Zone substation (400 lots)</li><li>(2) 22Kv Conversion and upgrade in Box Hill area (600 lots);</li></ul>	2039	Discussions with Endeavour Energy and comments on 30.09.2015
NW14	D	Vineyard	1,069	Sewer	Package 3 - Sydney Water has commenced detailed planning.	2041	Sydney Water comments (30.09.2015)
NW14	D	Vineyard	1,069	Water	Package 3 - Sydney Water has commenced detailed planning.	2041	Sydney Water GSP
NW14	D	Vineyard	1,069	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide lead-ins.	2028	Discussions with Endeavour Energy.
NW15	A	Vineyard	182	Sewer	Package 2&3A - New carrier main along Killarney Chain of Ponds. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW15	A	Vineyard	182	Water	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW15	A	Vineyard	182	Electricity	<ul><li>(1) New feeder from Riverstone Zone substation (400 lots)</li><li>(2) 22Kv Conversion and upgrade in Box Hill area (600 lots);</li></ul>	2039	Discussions with Endeavour Energy and comments on 30.09.2015

\*Approximate estimate of yield based on 15 lots per hectare, to the nearest 10 lots and/or area



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
NW9	A	Alex Avenue	1,733	Sewer	Package 1 - New carrier main. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW9	А	Alex Avenue	1,733	Water	Package 1 - New trunk main along Schofields Road; Package 2&3A - New trunk main along Alex Avenue; Developers may need to provide lead-in works.	Constructed	Sydney Water GSP
NW9	А	Alex Avenue	1,733	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy media release
NW9	В	Alex Avenue	661	Sewer	Package 3 - extension to package 2 works.	2018	Sydney Water Comments (30.09.2015)
NW9	В	Alex Avenue	661	Water	Package 1 - New trunk main along Schofields Road; Package 2&3A - New trunk main along Alex Avenue; Developers may need to provide lead-in works.	Constructed	Sydney Water GSP
NW9	в	Alex Avenue	661	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy media release
NW10	А	Alex Avenue	3,846	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	А	Alex Avenue	3,846	Water	Package 1, 2&3A - New trunk mains along Schofields Rd and Alex Avenue.	Constructed	Sydney Water GSP & Discussions with Sydney Water
NW10	А	Alex Avenue	3,846	Electricity	Currently serviced by Schofields Zone Substation. Developers may need to provide lead-ins	Constructed	Endeavour Energy media release
NW6	A	Area 20	143	Sewer	Serviced by exisiting infrastructure. Developers may need to provide lead- ins.	Constructed	Sydney Water GSP
NW6	А	Area 20	143	Water	Serviced by exisiting infrastructure. Developers may need to provide lead- ins.	Constructed	Sydney Water GSP
NW6	A	Area 20	143	Electricity	Supply from new Mungerie Park ZS (complete). Developers may need to provide feeders.	Constructed	Area 20 re-zoning utilities report prepared by Cardno (2010).
NW7	A	Area 20	2,357	Sewer	Serviced by Exisiting Second Ponds Creek carrier main. Developers may need to proivde lead-ins	Constructed	Sydney Water GSP
NW7	A	Area 20	2,357	Water	Package 1 - New Rouse Hill Reservoir and associated trunk mains. Only serviced to RL 60. Sydney Water may need to deliver further works to service areas above RL 60 after 2019. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW7	A	Area 20	2,357	Electricity	Supply from new Mungerie Park ZS (complete). Developers may need to provide feeders.	Constructed	Area 20 re-zoning utilities report prepared by Cardno (2010).
NW6	В	Box Hill/ Box Hill Industrial	318	Sewer	Constrained land	Constrained	-
NW6	В	Box Hill/ Box Hill Industrial	318	Water	Constrained land	Constrained	-
NW6	в	Box Hill/ Box Hill Industrial	318	Electricity	Constrained land	Constrained	-
NW7	в	Box Hill/ Box Hill Industrial	540	Sewer	Serviced by Exisiting Second Ponds Creek carrier main. Developers may need to proivde lead-ins	Constructed	Assumed from existing infrastructure and catchments
NW7	в	Box Hill/ Box Hill Industrial	540	Water	Serviced by exisiting infrastructure. Developers may need to provide feeders.	Constructed	Assumed from existing infrastructure and catchments
NW7	В	Box Hill/ Box Hill Industrial	540	Electricity	Mungerie Park Zone Substation (1,600 lots - existing);	Constructed	ILP Servicing Strategy Report
NW10	F	Box Hill/ Box Hill Industrial	304	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water comments (30.09.2015)
NW10	F	Box Hill/ Box Hill Industrial	304	Water	Package 2&3A - New carrier mains along Edmund Street. Developers may need to provide lead-ins.	Constructed	Sydney Water comments (30.09.2015)
NW10	F	Box Hill/ Box Hill Industrial	304	Electricity	<ul> <li>(1) Mungerie Park Zone Substation (1,600 lots - existing);</li> <li>(2) 22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> </ul>	2018	Endeavour Energy comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan
NW11	A	Box Hill/ Box Hill Industrial	2,057	Sewer	Package 3 - New carrier main along Killarney Chain of Ponds. Developers may need to provide lead-ins.	2018	Sydney Water comments
NW11	A	Box Hill/ Box Hill Industrial	2,057	Water	Package 2&3A - New trunk main along Terry Road. Developers may need to provide lead-ins.	Constructed	(30.09.2015) Sydney Water comments (30.09.2015)
NW11	A	Box Hill/ Box Hill Industrial	2,057	Electricity	<ol> <li>Mungerie Park Zone Substation (1,600 lots - existing);</li> <li>(2) 22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> </ol>	2018	Endeavour Energy comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan
NW11	в	Box Hill/ Box Hill Industrial	1,485	Sewer	Package 3 - New carrier main along Killarney Chain of Ponds.	2018	Sydney Water comments
NW11	в	Box Hill/ Box Hill Industrial	1,485	Water	Developers may need to provide lead-ins. Extension from Package 2&3A Terry Road main.	2022	Sydney Water comments (30.09.2015) advised main is part of a future package of works, and has no current date. MM has proposed 2022 to align with ultimate servicing of precinct.
NW11	В	Box Hill/ Box Hill Industrial	1,485	Electricity	<ul> <li>(1) Mungerie Park Zone Substation (1,600 lots - existing);</li> <li>(2) 22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> </ul>	2018	Riverstone East Infrastructure Precinct Plan & Comments from Endeavour Energy
NW14	В	Box Hill/ Box Hill Industrial	69	Sewer	Package 2&3A - New carrier main along the Killarney Chain of Ponds carrier main. Developers may need to provide lead-ins	Constructed	Sydney Water GSP
NW14	В	Box Hill/ Box Hill Industrial	69	Water	Serviced by existing infrastructure. Developers may need to provide lead- in works.	Constructed	Sydney Water GSP
NW14	В	Box Hill/ Box Hill Industrial	69	Electricity	<ol> <li>New feeder from Riverstone Zone substation (400 lots -existing)</li> <li>(2) 22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> </ol>	2018	Riverstone East Infrastructure Precinct Plan & Comments from Endeavour Energy
NW15	В	Box Hill/ Box Hill Industrial	4,879	Sewer	Package 2&3A - New carrier main along Killarney Chain of Ponds. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW15	В	Box Hill/ Box Hill Industrial	4,879	Water	Package 2&3A - New trunk main along Terry Road. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW15	в	Box Hill/ Box Hill Industrial	4,879	Electricity	<ol> <li>Mungerie Park Zone Substation (1,600 lots - existing);</li> <li>22Kv Conversion and upgrade in Box Hill area (3,750 lots - 2018);</li> <li>Stage 1 of North Box Hill Zone Substation (2022);</li> <li>New Riverstone East / Box Hill Zone Substation to be commissioned (2022). Location to be determined.</li> </ol>	2020	Riverstone East Infrastructure Precinct Plan & Comments from Endeavour Energy
NW9 NW9	F F	Colebee Colebee	842 842		Developer has delivered trunk and lead-in infrastructure Developer has delivered trunk and lead-in infrastructure	Constructed Constructed	Sydney Water GSP Sydney Water GSP
NW9	F	Colebee	842		Developer has delivered feeders. Supply from existing Quakers Hill Zone Substation	Constructed	Endeavour Energy NW Sector Area Plan
NW23 NW23	C C	Colebee Colebee	158 158		Developer has delivered trunk and lead-in infrastructure Developer has delivered trunk and lead-in infrastructure	Constructed Constructed	Sydney Water GSP Sydney Water GSP
NW23	с	Colebee	158		Developer has delivered feeders. Supply from existing Quakers Hill Zone Substation	Constructed	Endeavour Energy NW Sector Area Plan - date assumed



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
MP	D	Marsden Park	1,200	Sewer	Services delivered by developer as required	2030	Marsden Park Services Implementation Plan
MP	D	Marsden Park	1,200	Water	Services delivered by developer as required	2030	Marsden Park Services Implementation Plan
MP	D	Marsden Park	1,200	Electricity	Services delivered by developer as required	2030	Marsden Park Services Implementation Plan
MP	E	Marsden Park	3,108	Sewer	Services delivered by developer as required	2033	Marsden Park Services Implementation Plan
MP	E	Marsden Park	3,108	Water	Services delivered by developer as required	2033	Marsden Park Services
MP	E	Marsden Park	3,108	Electricity	Services delivered by developer as required	2033	Implementation Plan Marsden Park Services
MP	F	Marsden Park	-	Sewer	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	F	Marsden Park		Water	Constrained land	Constrained	Implementation Plan Marsden Park Services
			-		Constrained land		Implementation Plan Marsden Park Services
MP	F	Marsden Park	-	Electricity	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	н	Marsden Park	-	Sewer	Constrained land	Constrained	Implementation Plan Marsden Park Services
MP	н	Marsden Park	-	Water		Constrained	Implementation Plan
MP	н	Marsden Park	-	Electricity	Constrained land	Constrained	Marsden Park Services Implementation Plan
МР	l .	Marsden Park	-	Sewer	Constrained land	Constrained	Marsden Park Services Implementation Plan
МР	I.	Marsden Park	-	Water	Constrained land	Constrained	Marsden Park Services Implementation Plan
МР	I.	Marsden Park	-	Electricity	Constrained land	Constrained	Marsden Park Services Implementation Plan
MP	A	Marsden Park	2,400	Sewer	Services delivered by developer as required	2015	Marsden Park Services Implementation Plan
МР	А	Marsden Park	2,400	Water	Services delivered by developer as required	2015	Marsden Park Services Implementation Plan
MP	A	Marsden Park	2,400	Electricity	Services delivered by developer as required	2015	Marsden Park Services
MP	в	Marsden Park	2,400	Sewer	Services delivered by developer as required	2021	Marsden Park Services
MP	В	Marsden Park	2,400	Water	Services delivered by developer as required	2021	Implementation Plan Marsden Park Services
MP	В	Marsden Park	2,400	Electricity	Services delivered by developer as required	2021	Implementation Plan Marsden Park Services
MP	c	Marsden Park	1,200	-	Services delivered by developer as required	2027	Implementation Plan Marsden Park Services
			· · · · ·	Sewer	Services delivered by developer as required		Implementation Plan Marsden Park Services
MP	C	Marsden Park	1,200	Water	Services delivered by developer as required	2027	Implementation Plan Marsden Park Services
MP	С	Marsden Park	1,200	Electricity	Constrained land	2027	Implementation Plan Marsden Park Services
MP	G	Marsden Park	-	Sewer		Constrained	Implementation Plan
MP	G	Marsden Park	-	Water	Constrained land	Constrained	Marsden Park Services Implementation Plan
MP	G	Marsden Park	-	Electricity	Constrained land	Constrained	Marsden Park Services Implementation Plan
NW9	E	Marsden Park Industrial	-	Sewer	Constrained land	Constrained	Indicative Layout Plan
NW9	E	Marsden Park Industrial	-	Water	Constrained land	Constrained	Indicative Layout Plan
NW9	E	Marsden Park Industrial	-	Electricity	Constrained land	Constrained	Indicative Layout Plan
МРІ	A	Marsden Park Industrial	600	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
MPI	A	Marsden Park Industrial	600	Water	New main along Richmond Road	Constructed	Sydney Water Comments (30.09.2015)
MPI	A	Marsden Park Industrial	600	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)
MPI	в	Marsden Park Industrial	-	Sewer	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
МРІ	в	Marsden Park Industrial	-	Water	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
MPI	в	Marsden Park Industrial	-	Electricity	Industrial only	Constructed	Indicative Layout Plan and APP Infrastructure Delivery Report (2009)
МРІ	с	Marsden Park Industrial	400	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report
МРІ	с	Marsden Park Industrial	400	Water	New main along Richmond Road	Constructed	(2009) Sydney Water Comments (30.09.2015)
MPI	с	Marsden Park Industrial	400	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)
МРІ	D	Marsden Park Industrial	228	Sewer	SPS S and associated mains	2017	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
МРІ	D	Marsden Park Industrial	228	Water	New main - extension from Bidwill area	2026	Sydney Water Advice & APP Infrastructure Delivery Report (2009)
МРІ	D	Marsden Park Industrial	228	Electricity	South Marsden Park ZS Stage 1; Stage 2 as needed	2017	Endeavour Energy comments (30.09.2015), NW Sector Area Plan & APP Infrastructure Delivery Report (2009)



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
MPN	A	Marsden Park North	2,000	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	A	Marsden Park North	2,000	Water	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	A	Marsden Park North	2,000	Electricity	New Zone Substation	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	В	Marsden Park North	800	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	В	Marsden Park North	800	Water	Trunk and lead-in infrastructure to be delivered by developer	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	В	Marsden Park North	800	Electricity	New Zone Substation	2016	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	с	Marsden Park North	1,200	Sewer	Trunk and lead-in infrastructure to be delivered by developer	2024	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	с	Marsden Park North	1,200	Water	Trunk and lead-in infrastructure to be delivered by developer	2024	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	с	Marsden Park North	1,200	Electricity	New Zone Substation	2024	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	D	Marsden Park North	-	Sewer	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	D	Marsden Park North	-	Water	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
MPN	D	Marsden Park North	-	Electricity	Constrained land	Constrained	Preliminary Marsden Park North Infrastructure Services Assessment
NW1 NW1	A A	North Kellyville North Kellyville	719 719	Sewer Water	Serviced by existing infrastructure. Sydney Water to provide lead-ins Largely serviced by existing infrastructure. Sydney Water may provide lead-ins as part of Package 3 as required.	Constructed 2018	Sydney Water GSP Sydney Water Comments (30.09.2015)
NW1	A	North Kellyville	719	Electricity	Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	Discussions with Endeavour Energy
NW4	A	North Kellyville	1,774	Sewer	Package 1 - New carrier main along Smalls Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW4	A	North Kellyville	1,774	Water	Package 1 - New trunk main along Hazlett Road. Developers may need to provide lead-ins. Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with	Constructed	Sydney Water GSP Discussions with Endeavour
NW4	A	North Kellyville	1,774	Electricity	second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	Energy
NW5	Α	North Kellyville	2,691	Sewer	Package 2&3A - New carrier main along Cattai Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW5	A	North Kellyville	2,691	Water	Package 1 - New trunk main along Hazlett Road. Developers may need to provide lead-ins. Supply from new Mungerrie Park ZS (complete). Currently 1 feeder with	Constructed	Sydney Water GSP Discussions with Endeavour
NW5	A	North Kellyville	2,691	Electricity	second developer funded feeder approved with approx. 1 year estimated lead in time. Sufficient supply anticipated for 4-5 years. 2 additional feeders required to service total North Kellyville area - Developers may need to deliver	Constructed	Energy
NW9	с	Riverstone	841	Sewer	Package 1 - New carrier main. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW9	с	Riverstone	841	Water	Serviced by existing infrastructure. Developers may need to provide lead- in works. Serviced by new Schofields Zone Substation. Developers may need to	Constructed	Sydney Water GSP Assumed based on
NW9	С	Riverstone	841	Electricity	provide feeders.	Constructed	surrounding area servicing strategy
NW10	D	Riverstone	2,735	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	D	Riverstone	2,735	Water	Package 2&3A - New trunk mains through Riverstone East. Developers may need to provide lead-ins. Newly constructed Schofields Zone Substation and Riverstone Zone Substation will service the entire precinct. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to	Constructed	Sydney Water Comments (30.09.2015) Discussions with Endeavour Energy & comments (30.09.2015)
NW10	D	Riverstone	2,735	Electricity	be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2020	(00.00.2010)
NW13	A	Riverstone	3,043	Sewer	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW13	A	Riverstone	3,043	Water	Package 2&3A - New trunk mains through Riverstone East. Developers may need to provide lead-ins	Constructed	Sydney Water GSP
NW13	A	Riverstone	3,043	Electricity	Supply from Riverstone Zone Substation. However, Augmentation works in Box Hill will need to be undertaken to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2018	Discussions with Endeavour Energy & comments (30.09.2015)
NW14	С	Riverstone	2,280	Sewer	Package 2&3A - New carrier main connecting to the Killarney Chain of Ponds carrier main. Developers may need to provide lead-ins	Constructed	Sydney Water GSP
NW14	с	Riverstone	2,280	Water	Package 2&3A - New trunk main along Edmund St. Developers may need to proivde lead-ins.	Constructed	Sydney Water GSP
NW14	с	Riverstone	2,280	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill or Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide lead-ins.	2020	Discussions with Endeavour Energy & comments (30.09.2015)
NW10	В	Riverstone East	1,800	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	2015	Sydney Water GSP. Yield from DP&E.
NW10	В	Riverstone East	1,800	Water	Package 2&3A - New trunk main along Tallawong and Guntawong Roads. Developers may need to provide lead-ins	2015	Sydney Water GSP. Yield from DP&E.
NW10	В	Riverstone East	1,800	Electricity	Schofields Zone Substation. Developers to provide feeders (1,400 lots only).	Constructed	Riverstone East Infrastructure Precinct Plan



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	Description of Works	Anticipated Delivery	Assumptions and Qualifications
NW10	с	Riverstone East	1,400	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan. Yield from DP&E.
NW10	с	Riverstone East	1,400	Water	Package 2&3A - New trunk mains along Clarke Street and Garfield Road East respectively. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015) & Riverstone East Infrastructure Precinct Plan. Yield from DP&E.
NW10	с	Riverstone East	1,400	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned. Location to be determined.	2020	Riverstone East Infrastructure Precinct Plan
NW10	E	Riverstone East	1,256	Sewer	Package 2&3A - New carrier main along First Ponds Creek. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	E	Riverstone East	1,256	Water	Package 2&3A - New trunk mains along Edmund Street. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW10	E	Riverstone East	1,256	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned. Location to be determined.	2020	Riverstone East Infrastructure Precinct Plan
NW11	С	Riverstone East	451	Sewer	Package 3 - New carrier main along Killarney Chain of Ponds. Developers may need to provide lead-ins.	2018	Sydney Water Comments (30.09.2015)
NW11	с	Riverstone East	451	Water	Package 2&3A - New trunk main along Garfield Road East. Developers may need to provide lead-ins.	Constructed	Sydney Water Comments (30.09.2015)
NW11	с	Riverstone East	451	Electricity	New Riverstone East / Box Hill Zone Substation to be commissioned. Location to be determined.	2020	Riverstone East Infrastructure Precinct Plan
NW11	D	Riverstone East	1,093	Sewer	Package 3 - New carrier main to Killarney Chain of Ponds. Developers	2020	Sydney Water GSP
NW11	D	Riverstone East	1,093	Water	may need to provide lead-ins. Package 2&3A - New trunk main along Terry Road. Developers may	Constructed	Sydney Water GSP
NW11	D	Riverstone East	1,093	Electricity	need to provide lead-ins. New Riverstone East / Box Hill Zone Substation to be commissioned.	2022	Riverstone East Infrastructure
NW11	E	Riverstone East	-	Sewer	Location to be determined. Constrained land	Constrained	Precinct Plan -
NW11 NW11	E	Riverstone East Riverstone East	-	Water Electricity	Constrained land Constrained land	Constrained Constrained	-
NW13	В	Riverstone West	-	Sewer	Serviced by existing infrastructure. Developers may need to provide lead- ins		Sydney Water GSP
NW13	В	Riverstone West	-	Water	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW13	в	Riverstone West	-	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2020	Assumed based on Indicative Layout Plan & post exhibition report.
NW9	D	Schofields	1,541	Sewer	Package 2 - New services. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW9	D	Schofields	1,541	Water	Package 2 - New services. Developers may need to provide lead-in works.	Constructed	Sydney Water GSP
NW9	D	Schofields	1,541	Electricity	Serviced by new Schofields Zone Substation. Developers may need to provide feeders.	Constructed	Endeavour Energy NW Sector Area Plan
NW9	G	Schofields	1,170	Sewer	Package 3 - extension to package 2 works.	2020	Sydney Water comments (30.09.2015)
NW9	G	Schofields	1,170	Water	Serviced by existing infrastructure Serviced by new Schofields Zone Substation. Developers may need to	Constructed	Sydney Water Endeavour Energy NW Sector
NW9	G	Schofields	1,170	Electricity	provide feeders. Package 1 - New carrier main. Developers may need to provide lead-ins.	Constructed	Area Plan Sydney Water Advice
NW13	E	Schofields	100	Sewer	Serviced by existing infrastructure. Developers may need to provide lead-	Constructed	Sydney Water advice
NW13	E	Schofields	100	Water	in works. Serviced by new Schofields Zone Substation. Developers may need to	Constructed	
NW13	E	Schofields	100	Electricity	provide feeders.	Constructed	Endeavour Energy NW Sector Area Plan
NW9	н	Schofields West	852	Sewer	New sewer gravity carrier, pumping station and rising main to exisitng Riverstone network	2027	Sydney Water Advice
NW9	Н	Schofields West	852	Water	upgrades to existing infrastructure Serviced by Marsden Park Zone Substation - Stage 2	2027	Sydney Water Advice Endeavour Energy comments
NW9	н	Schofields West	852	Electricity		2021	(30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW13	D	Schofields West	547	Sewer	New gravity carrier main, SPS B and associated rising main to existing Riverstone network.	2027	Sydney Water comments (30.09.2015)
NW13	D	Schofields West	547	Water	upgrades to existing infrastructure Serviced by Marsden Park Zone Substation - Stage 2	2027	Sydney Water Advice Endeavour Energy comments
NW13	D	Schofields West	547	Electricity		2021	(30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW23	A	Schofields West	354	Sewer	New pumping station 'S' and rising main to exisitng Riverstone network	2027	Sydney Water Advice
NW23 NW23	A	Schofields West Schofields West	354	Water	upgrades to existing infrastructure Serviced by Marsden Park Zone Substation - Stage 2	2027 2021	Sydney Water Advice Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden
NW23	B	Schofields West	247	Sewer	New gravity main to pumping station 'B'	2027	Park Sydney Water comments
NW23 NW23	B	Schofields West	247	Water	upgrades to existing infrastructure	2027	(30.09.2015) Sydney Water Advice
NW23	в	Schofields West	247	Electricity	Serviced by Marsden Park Zone Substation	2021	Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW24	A	Shanes Park	59	Sewer	Future works - extension to Marsden Park works (SPS A)	2032	Sydney Water Comments
NW24	A	Shanes Park	59	Water	Future works - extension to Marsden Park works	2032	(30.09.2015) Sydney Water Advice
NW24	A	Shanes Park	59	Electricity	Supply from Marsden Park Zone Substation Stage 2 - Developers may need to provide feeders	2021	Endeavour Energy comments (30.09.2015, NW Sector Area Plan & assumptions based on Developer rollout of Marsden Park
NW25	А	Shanes Park	441	Sewer	Future works - extension to Marsden Park works (SPS A)	2032	Sydney Water comments (30.09.2015)
NW25	A	Shanes Park	441	Water	Future works - extension to Marsden Park works Supply from Marsden Park Zone Substation Stage 2 - Developers may need to provide feeders	2032	Sydney Water Advice Endeavour Energy comments (30.09.2015, NW Sector Area
NW25	A	Shanes Park	441	Electricity		2021	Plan & assumptions based on Developer rollout of Marsden Park



Catchment	Subcatchment	Belongs to Precinct	Estimated Minimum Catchment Yield*	Service	IDescription of works	Anticipated Delivery	Assumptions and Qualifications
NW13	с	Vineyard	460	Sewer	Package 3 - Sydney Water has commenced detailed planning.	2033	Sydney Water comments (30.09.2015)
NW13	C	Vineyard	460	Water	Package 3 - Sydney Water has commenced detailed planning.	2033	Sydney Water GSP
NW13	с	Vineyard	460	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide feeders.	2020	Discussions with Endeaavour Energy
NW14	A	Vineyard	789	Sewer	Package 2&3A - New carrier main along Killarney Chain of Ponds, new pumping station and associated pressure mains to existing sewerage treatment plant. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW14	A	Vineyard	789	Water	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW14	A	Vineyard	789	Electricity	<ul><li>(1) New feeder from Riverstone Zone substation (400 lots)</li><li>(2) 22Kv Conversion and upgrade in Box Hill area (600 lots);</li></ul>	2028	Discussions with Endeavour Energy and comments on 30.09.2015
NW14	D	Vineyard	1,069	Sewer	Package 3 - Sydney Water has commenced detailed planning.	2030	Sydney Water comments (30.09.2015)
NW14	D	Vineyard	1,069	Water	Package 3 - Sydney Water has commenced detailed planning.	2030	Sydney Water GSP
NW14	D	Vineyard	1,069	Electricity	Supply from Riverstone Zone Substation. However, new zone substations at Riverstone East/ Box Hill & Box Hill North ZS will need to be constructed and commissioned to free capacity in Riverstone ZS to supply the ultimate catchment. Developers may need to provide lead-ins.	2020	Discussions with Endeavour Energy.
NW15	A	Vineyard	182	Sewer	Package 2&3A - New carrier main along Killarney Chain of Ponds. Developers may need to provide lead-ins.	Constructed	Sydney Water GSP
NW15	A	Vineyard	182	Water	Serviced by existing infrastructure. Developers may need to provide lead- ins	Constructed	Sydney Water GSP
NW15	A	Vineyard	182	Electricity	<ul><li>(1) New feeder from Riverstone Zone substation (400 lots)</li><li>(2) 22Kv Conversion and upgrade in Box Hill area (600 lots);</li></ul>	2028	Discussions with Endeavour Energy and comments on 30.09.2015

\*Approximate estimate of yield based on 15 lots per hectare, to the nearest 10 lots and/or area



# Appendix C. Current Servicing Strategy

#### Current Servicing Strategies Under Different Growth and Density Scenarios Table C.1: Strategy Sheet Description NWPLRA Current Servicing Strategy Indicates current serviceability based on current authority Low Growth - Low Density (LGLD) servicing strategies and indicative delivery dates for bulk/ 1 trunk infrastructure in relation to each precinct under a Low Growth, Low Density Scenario. NWPLRA Current Servicing Strategy Indicates current serviceability based on current authority Low Growth - High Density (LGHD) servicing strategies and indicative delivery dates for bulk/ 2 trunk infrastructure in relation to each precinct under a Low Growth, High Density Scenario. NWPLRA Current Servicing Strategy Indicates current serviceability based on current authority High Growth - High Density (HGLD) servicing strategies and indicative delivery dates for bulk/ 3 trunk infrastructure in relation to each precinct under a High Growth, High Density Scenario.

These sheets relate to the precinct data sheet 1 shown in Appendix B.

#### NWPLRA Current Servicing Strategy - Low Growth-Low Density (LGLD)

Alex Avenue 6240 Practi Distril Area 20 2500 Box Hill and Box Hill Ind. 9652 Colebee 1000 Marsden Park Industrial 1228 Trunk Practi Distril Curre Distril Curre Distril Curre Distril Curre Distril	rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand	5579 5579 200 147 2500 2500 200 147 1600 1600 200 147 1000 1000 400 0	5432 300 110 2353 300 110 1453 300 110 600 400 400	5322 400 41 2243 400 41 1343 400 41 7 200 200 200	661 5942 400 91 2202 400 91 1500 2802 500 91	5851 400 116 2111 400 116 2711 500 116 0	400 116 1994 400 116 2594	400 66 1878 400 66 2478 500	400 105 1812 1 400 6552 8964 8 500	6447 534 400 40 105 10 .707 166 400 40 105 10 105 10 1859 875 500 56 500 56 105 10	0 400 5 105 2 1497 0 400 5 105 4 8649 0 500	5132 400 <b>77</b> 1392 400 <b>77</b> 8544	400 154 1316 1 400 154	4902 474 400 400 154 15 1162 100 400 40 154 15	0         400           44         135           08         854           00         400	400 135 718 400	4323 414 400 40 <b>182 13</b> 583 40 400 40	0 400 9 176 1 262	400	3638 3433 400 400 <b>201 333</b>	0 400	400	2434 2099 400 400 <b>335 33</b> 3	0 400	1389 400 <b>356</b> 0		633 233 400 233 400 233 400 233 0 0 0 0 0 0		0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0
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Area 20 2500 Practi Distril Box Hill and Box Hill Ind. 9652 Colebee 1000 Practi Distril Distril Curre Curre Curre Trunk 1000 Practi Distril	rrent Serviceability unk Infrastructure Capacity actical Supply Limit rrent Serviceability unk Infrastructure Capacity actical Supply Limit actical Supply Limit capacity actical Supply Limit actical	2500 2500 200 147 1600 200 147 1000 1000 400 400 0	2353 300 110 1453 300 110 600 400	2243 400 41 1343 400 41 40 41 200 200	2202 400 91 1500 2802 500	2111 400 <b>116</b> 2711 500	1994 400 <b>116</b> 2594 500	1878 400 <b>66</b> 2478 500	1812 1 400 <b>105</b> 6552 8964 8 500	.707 160 400 40 <b>105 10</b> 8859 875 500 50	2 1497 0 400 5 105 4 8649 0 500	1392 400 <b>77</b> 8544	1316 1 400 154	1162 100 400 40	18 854 10 400	718 400	583 40	1 262	<b>189</b> 86	<b>201 33</b>	<b>3 335</b> ) 0	<b>335</b> 0	<b>335 3</b> 3	5 376 ) 0	<b>356</b>	<b>400</b>	400 23 0 ( 0 (	<b>3 0</b> ) 0 ) 0	0	0 0 0 0	0 0 0 0 0 0 0 0	0 0 0
Area 20 2500 2500 Box Hill and Box Hill Ind. 9652 Colebee 1000 Practi Distril Curree Practi Distril Distril Trunk 1000 Practi Distril Trunk 1000 Practi Distril	unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand	2500 200 147 1600 200 147 1000 1000 400 400 0	300 110 1453 300 110 600 400	400 41 1343 400 41 200 200	400 91 1500 2802 500	400 116 2711 500	400 116 2594 500	400 66 2478 500	400 105 6552 8964 8 500	400 40 105 10 8859 875 500 50	5 105 4 8649 0 500	<b>77</b> 8544	400 154			400	583 40	1 262	86	0 (	) 0	0	0	) 0	0	0	0 (	0 C ) 0	0	0 0 0	0 0 0 0 0 0	0
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Distril           Box Hill and Box Hill Ind.         Curre           9652         Practic           Distril         Distril           Colebee         Trunk           1000         Practic           Distril         Distril           1228         Practic	tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand	147 1600 200 147 1000 400 400 0	110 1453 300 110 600 400	41 1343 400 41 200 200	91 1500 2802 500	116 2711 500	<b>116</b> 2594 500	66 2478 500	<b>105</b> <b>6552</b> <b>8964</b> ε 500	<b>105 10</b> 3859 875 500 50	5 105 4 8649 0 500	<b>77</b> 8544	154						00		o o	0	0				0 .	0	0	0	0 0	0
Box Hill and Box Hill Ind.     Curre       9652     Practi       Distril     Curre       Colebee     Trunk       1000     Practi       Distril     Distril       1228     Practi	rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand	1600 1600 200 147 1000 1000 400 400	1453 300 <b>110</b> 600 400	1343 400 <b>41</b> 200 200	<b>1500</b> <b>2802</b> 500	2711 500	2594 500	2478 500	<b>6552</b> <b>8964</b> ε 500	859 875 500 50	4 8649 0 500	8544		104 10	100	135	182 13		86	0 0		0	0		0	0	0	4 0				
Box Hill and Box Hill Ind. 9652 Practi Distril Colebee Trunk 1000 Practi Distril Marsden Park Industrial 1228 Practi	unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand	1600 200 147 1000 1000 400 400 0	300 110 600 400	400 41 200 200	<b>2802</b> 500	500	500	2478 500	<b>8964</b> 8 500	500 50	0 500					100	102 10					<u> </u>					<u> </u>					
9652 Practi Distri Colebee Trunk 1000 Practi Distri Distri Marsden Park Industrial Trunk 1228 Practi	actical Supply Limit tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand	200 147 1000 400 400 0	300 110 600 400	400 41 200 200	500	500	500	500	500	500 50	0 500		8468 8	3314 816	0 8006	7870	7735 755	3 7414	7238	7050 6849	9 6515	6181	5846 551	1 5177	4801	4445 39	966 3466	6 2966	2466	1966 14	466 965	465 (
Colebee Trunk 1000 Practi Distril Marsden Park Industrial Trunk 1228 Practi Distril	rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand	1000 1000 400 400 0	600 400	200 200	<b>91</b> 0	<b>116</b> 0	116	66	105	105 10		500		500 50		500	500 50			500 500			500 50		500		500 500		500		500 500	
Colebee Trunk 1000 Practi Distril Xarsden Park Industrial 1228 Practi Distril Xarsden Distril	unk Infrastructure Capacity actical Supply Limit stributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit stributed Market Demand	<b>1000</b> 400 <b>400</b> 0	400	200	0	0					5 105	77	154	154 15	4 135	135	182 13	9 176	189	201 333	3 335	335	335 33	5 376	356	479 5	500 500	0 500	500	500 5	500 500	465 0
1000 Practi Distrii Marsden Park Industrial Trunk 1228 Practi Distrii	actical Supply Limit tributed Market Demand rrent Serviceability unk Infrastructure Capacity actical Supply Limit tributed Market Demand	400 400 0	400	200	0	0																1		1					1			
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1228 Practi Distril	actical Supply Limit tributed Market Demand	_		600				400				228																				
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	actical Supply Limit	400	400	400	400	400				400 40		400		400 40			550 90			558 (	0 0	0	0	0 0	0	0	0	0 0	0	ō	0 0	0
	stributed Market Demand	400	400	400	400	400				400 40				400 40		550	550 90			558 (	0 0	0	0	0 0	0	0	0	0 C	0	0	0 0	0
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Marsden Park North Trunk	unk Infrastructure Capacity	0	0	2800	2400	2000	1600	1200	800	400 120	<b>0</b> 800	400	0	0	0 0	0	0	0 0	0	0 0	J 0	0	0	J 0	0	0	0 (	J 0	0	0	0 0	0
	actical Supply Limit	0	0	400	400	400				400 40		400	0	0	0 0	0	0	0 0	0	0 0	<u>) 0</u>	0	0	<u>) 0</u>	0	0	0 (	<u>) 0</u>	0	0	0 0	0 0
	stributed Market Demand	0	0	400	400	400	400	400	400	400 40	0 400	400	0	0	0 0	0	0	0 0	0	0 (	0 0	0	0		0	0	0 (	0 0	0	0	0 0	0 0
	rrent Serviceability	4500																						685								
	unk Infrastructure Capacity	4500	4353	4243	4202	4111				3707 360	2 3497	3392	3316 3	3162 300	8 2854	2718	2583 240		2086	1898 1697			694 35		334	0	0 (	) 0	0	0	0 0	0 (
	actical Supply Limit stributed Market Demand	400 147	500 110	500 41	500 91	500 116	500 116			500 50 105 10	0 500 5 105	500	500 154	500 50 154 15	0 500 4 <b>135</b>	500 135	500 50 182 13			500 500 201 333		500 335	500 35 335 33		334 334	0	0 0	0 0 0 0	0	0	0 0 0 0	0 0
	rrent Serviceability	841	110	41	1500	110	110		6192	105 10	5 105		134	154 15	4 155	135	102 15	9 170	165	201 333	335	335	333 33.	370	334						367	
	unk Infrastructure Capacity	841	694	584	2043	1952	1835			740 763	5 7530	7425	7349 7	7195 704	1 6887	6751	6616 643	4 6295	6119	5931 5730	0 5396	5062	4727 439	2 4058	3682	3326 28	847 2347	7 1847	1347		713 213	0 (
	actical Supply Limit	200	300	400	500	500				500 50		500		500 50		500	500 50			500 500			500 50				500 500				500 213	
	stributed Market Demand	147	110	41	91	116	116			105 10		77		154 15		135	182 13			201 333			335 33		356		500 500		500		500 213	
Curre	rrent Serviceability		1400						4600																							
Riverstone East Trunk	unk Infrastructure Capacity	0	1400	1290	1249	1158	1041	925	5459 5	354 524	9 5144	5039	4963 4	4809 465	5 4501	4365	4230 404	8 3909	3733	3545 3344	4 3010	2676	2341 200	6 1672	1296	940 5	540 140	J 0	0	0	0 0	0
	actical Supply Limit	Ū	200	300	400	400				400 40		400		400 40			400 40			400 400			400 40				400 140		0	0	0 0	0
	stributed Market Demand	0	110	41	91	116	116	66	105	105 10	5 105	77	154	154 15	4 135	135	182 13	9 176	189	201 333	3 335	335	335 33	5 376	356	400 4	400 140	00	0	0	0 0	0 0
	rrent Serviceability																															
	unk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 (	) 0	0	0 /	) 0	0	0	0 0	) O	0	0	0 0	0 (
	actical Supply Limit stributed Market Demand	0	0	0	0	0	0	0	0	0	0 0 0 0	0	0	0	0 0 0 0	0	0	0 0	0	0 0	0 0	0	0		0	0	0 (	0 0	0	0	0 0	0
	rrent Serviceability	1641		, i i i i i i i i i i i i i i i i i i i	1170	, i	Ŭ																									
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	actical Supply Limit	300	300	300	300	300				300 30		300		300 30		300	300 30		300	209 8	8 0	0	0	0 0	0	0	0	0 0	0	ō	0 0	0 0
	stributed Market Demand	147	110	41	91	116	116			105 10		77		154 15		135	182 13			201 8	3 0	0	0	<u>٥</u>	0	0	0	) O	0	0	0 0	0
Curre	rrent Serviceability																			2000												
	unk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	<b>2000</b> 1799	9 1466	1131	797 46	2 127	0	0	0 /	) O	0	0	0 0	0
	actical Supply Limit	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0 0		400 400			400 40		0	0	0 (	) 0	0	0	0 0	0 (
	stributed Market Demand	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	201 333	3 335	335	335 33	5 127	0	0	0 0	0 0	0	0	0 0	0
	rrent Serviceability																								500							
	unk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0				0 0	) 0 -	0	0	0 0	0 (
	actical Supply Limit stributed Market Demand	0	0	0	0	0	0	0	0	0	0 0 0 0	0	0	0	0 0 0 0	0	0	0 0 0 0	0	0 0	0 0 0 0	0	0	0		250 250	0 0	0 0 0 0	0	0	0 0 0 0	0 0
	rrent Serviceability	0	400	U	750	U	,	U	U	U	0	1350	U	•		U	•	<b>J</b>		v l					230	2.50					- J	
	unk Infrastructure Capacity	0	400	290	999	908	791	675	609	504 39	9 294		1463 1	1309 115	5 1001	865	730 54	8 409	233	45 (	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0
	actical Supply Limit	0	200	290	400	400				400 39		400		400 40			400 40			45 (		0	0	0 0	0	0	0	. J	0	0	0 0	0
	stributed Market Demand	0	110	41	91	116	116			105 10		77		154 15			182 13			45 (		0	0	0 0	0	0	0 0	0 0	0	0	0 0	0
TOTALS																																
	quired Demand (AEC Data)	1682	1682	1729	1729	1729				640 164				1632 163		1632			2008								008 2008				008 2008	2000 2000
	justed Demand Less Developer Driven actical Supply Limit	882 2300	882 3200	329 4390	729 4400	929 4200				840 84 200 419	0 840 9 4094		1232 1 3800 3	1232 123 3800 380			1458 110 3950 430			1450 2008 3511 2708			2008 2008 2700 255				008 2216 800 1372				876 6884 000 713	
	actical Supply Limit agmented Distributed Market Demand	882	882	4390 329	729	929				840 84									3520 s 1408 s													
	tal Distributed Market Demand	1682	1682	1729						640 164									2008 2													465 (
Cum	mulative Overflow	0	0	0	0	0	0	0			0 0		0	0	0 0	0	0		0	0 0	0 0	0	0	0 0	0	_	109 21	4 1852	2860	3868 45	76 6174	7713 972:

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Trunk Infrastructure Capacity: Is the combined available capacity of trunk sewer/water/elec within a precinct

Practical Supply Limit: Is the ideal achievable limit of dwellings that could practicably be constructed in a precinct for a given year.

Distributed Marked Demand: Is the development uptake/construction within a precinct based on the unconstrained Market Demand (AEC Data). The NWGC market demand for a given year is distributed over the available precincts that have practical supply.

#### NWPLRA Current Servicing Strategy - High Growth-Low Density (HGLD)

PRECINCT		2015	2016	2017	2018	2019	2020	2021	2022	2023 20	024 202	5 2026	2027	2028 2	.029 203	0 2031	2032	2033 20	34 2035	2036	2037	2038 2039	2040	2041	2042 2	043 20	044 204	45 204	6 2047	2048	2049 2	050 2051	2052 2053
	Current Serviceability	5579			661																												
Alex Avenue	Trunk Infrastructure Capacity	5579	5379	5079	5453	5193	4907	4609	4306 4	4004 36	693 330	6 2906	2592	2192 1	.792 139	992	592	192	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 (
	Practical Supply Limit	200	300	400	400	400	400				400 40				400 40		400		0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	<u> </u>
<b></b>	Distributed Market Demand	200	300	287	261	286	298	303	303	310	387 40	0 315	400	400	400 40	0 400	400	192	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
1	Current Serviceability	2500																															
Area 20	Trunk Infrastructure Capacity	2500			1713	1453	1167	869	566	264	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 C
2500	Practical Supply Limit	200	300	400	400	400	400	400		264	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
·	Distributed Market Demand		300	287		286	298			264	0	0 C	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
L	Current Serviceability	1600			1500				6552																								
	Trunk Infrastructure Capacity	1600	1400	1100	2313	2053	1767	1469	7718	7416 73	105 671	8 6280	5966	5533 5	100 460	0 4100	3600	3100 26	00 2100	1600	1100	600 100	0	0	0	0	0	0	0 0	0	0	0 0	0 0
9652	Practical Supply Limit	200	300	400	500	500	500	500	500	500	500 500	0 500	500	500	500 50	0 500	500	500 5	00 500	500	500	500 100	0	0	0	0	0	0	0 0	0	0	0 0	0 0
	Distributed Market Demand	200	300	287	261	286	298	303	303	310 3	387 43	8 315	433	433	500 50	0 500	500	500 5	00 500	500	500	500 100	0	U	0	0	0	0	0 0	U	0	0 0	0 0
l	Current Serviceability	1000																															
	Trunk Infrastructure Capacity	1000	600	200	0	0	0	0	0	0	0	0 0	) 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
	Practical Supply Limit	400	400	200	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
	Distributed Market Demand	400	400	200	0	U	0	0	U	U	0			U	U	0 0	U	U	0 0	U	U	0 0	U	U	U	U	U	U	0 0	U	U	0 0	
	Current Serviceability			600				400				228																					
	Trunk Infrastructure Capacity	0		600	200	0	0	400	0	0	0 0	0 228		0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
1228	Practical Supply Limit Distributed Market Demand	0	0	400 400	200	0	0	400 400	0	0	0	0 228 0 228		0	0	0 0 0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0 0 0
	Distributed Market Demand	2400	U	400	200	U	-	2400	U	U	0	- 228	1200	U	-		U	-	0	U	U	0 1	U	U	U	U	U	•	. 0	U	0	0 0	
Maradan Dark	Current Serviceability		2000	1000	1200	000			2000	1000	200 67	0		000	120		100	3108	F0 4455		2	0		0	0	0	0	0	0 -	2	0	0 -	â
	Trunk Infrastructure Capacity	2400	2000	1600	1200	800	400	2400	2000 1	1600 12	200 80	0 400	1200	800	400 120		100	2658 17	58 1158	558	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
	Practical Supply Limit Distributed Market Demand	400 400	400 400	400 400	400 400	400 400	400 400	400 400	400 400	400 4	400 400 400 400	0 400 0 400	400 400	400	400 55 400 55		550 550	900 6 900 6	<b>600 600 600</b>	558 558	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
	Current Serviceability	400	100	2800							200 40	00	400							330	v		v	v				-	- 0	v	J	0	
Marsden Park North			0		2400	2000	1600	1200	800			0 400		0	0	0 0	0	0	0 0	0	0	0		0	0	0	0	0	0 0	0	0	0 0	0
	Trunk Infrastructure Capacity	0	0	2800 400	2400 400	2000 400	1600 400	1200 400			<b>200</b> 800 400 400			0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
	Practical Supply Limit Distributed Market Demand	0	0		400	400	400	400			400 400			0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
	Current Serviceability	4500	-										685	-	-								-		-	-	-	-			-		
North Kellyville			4100	3600	2212	2052	2767	2460	2166	1964 11	553 116	6 728		666	111	0 0	0	0	0 0	0	0	0 0		0	0	0	0	0	0 0	0	0	0 0	0 (
5185	Trunk Infrastructure Capacity Practical Supply Limit	<b>4500</b> 400	500	500	3313 500	3053 500	2767 500	2469 500	500		500 50				233 233	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
5185	Distributed Market Demand	400				286	298				387 43					0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
(	Current Serviceability	841			1500				6192												367												
Riverstone	Trunk Infrastructure Capacity	841	641	341	1554	1294	1008		6599 (	6207 50	986 559	9 5161	1817	4414 3	981 3/8	1 2081	2/181	1981 14	81 981	481	367	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 (
	Practical Supply Limit	200	300	341	500	500	500	500		500	500 500	0 500	500	500	500 50	0 500	500	500 5	00 500	401	367	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
	Distributed Market Demand	200		287	261	286	298				387 43	8 315	433	433	500 50	0 500	500		00 500	481	367	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 (
	Current Serviceability		1400						4600																								
Riverstone East	Trunk Infrastructure Capacity	0	1400	1200	913	653	367	69	4600 4	4298 39	987 360	0 3200	2886	2486 2	086 168	6 1286	886	486	86 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
6000	Practical Supply Limit	0	200	300	400	400	367				400 400				400 40			400	86 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
1	Distributed Market Demand	0	200	287	261	286	298	69	303	310	387 40	0 315	400	400	400 40	0 400	400	400	86 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
1	Current Serviceability																																
Riverstone West	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0 0	0 C	) 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 (
0	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0	o c	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
L	Distributed Market Demand	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	00	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
í l	Current Serviceability	1641			1170																												
Schofields	Trunk Infrastructure Capacity	1641	1341	1041	1924	1664	1378	1080	780	480	180 (	o c	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 (
	Practical Supply Limit	300	300	300	300	300	300	300	300	300	180 (	<u> </u>	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
<b></b>	Distributed Market Demand	300	300	287	261	286	298	300	300	300 :	180 (	0 C	) 0	0	0	00	0	0	0 0		0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
1	Current Serviceability																			2000													
Schofields West	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0	0 C	0	0	0	0 0	0	0	0 0	2000	1600	1200 800	400	0	0	0	0	0	0 0	0	0	0 0	0 0
2000	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0	0 C	0 0	0	0	0 0	0	0	0 0			400 400		0	0	0	0	0	0 0	0	0	0 0	0 0
<b></b>	Distributed Market Demand	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0 0	400	400	400 400	400	0			0	0	0 0	0	0	0 0	0 0
1	Current Serviceability																									500							
Shanes Park	Trunk Infrastructure Capacity	0		0	0	0	0	0	0	0	0	0 C	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0		250	0	0 0	0	0	0 0	0 C
500	Practical Supply Limit	0		-	-	-	-	-	-	-	0		-	-								0 0						-	0 0		-	0 0	
	Distributed Market Demand	0		0		0	0	0	0	0	0			0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	250 2	250	0	0 0	0	0	0 0	0 0
L	Current Serviceability		400		750							1350																					
	Trunk Infrastructure Capacity	0		200	750									636				0			0	0 0		-	0	-	-	0		0	-	0 0	0 0
	Practical Supply Limit	0	200	200	400	400		0				0 400				0 0	-	0	0 0	0	0	0 0	-	0	0	Ū	-	-	0 0	Ũ	0	0 0	
	Distributed Market Demand	0	200	200	261	286	204	0	0	0	0	0 315	400	400	236	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0 0
TOTALS 62824	Required Demand (AEC Data)	2010	3010	3086.00	3096	3086	3086	3086	2915	2915 20	915 201	5 2015	2000	2899 1	202 200	8 2606	3664	3664 36	64 2664	3664	3664	3664 3664	2664	3664	3664 3	664 36	664 266	54 266	A 2664	3664	3664 3	664 2664	3664 3664
02027	Adjusted Demand Less Developer Driven																																64635.0 68299.0
1	Practical Supply Limit	2300																				900 500.2562							0 0			0 0	
1	Fragmented Distributed Market Demand	1500	2400	2206	2086	2286	2286	1886	2115 2	2115 2:	115 211	5 1887	2498	2498 2268	.756 180	0 1800	1800 15	91.923 1085.8	09 1000	1381.256	1267	900 500.2562	400	0	0			0	0 0			0 0	0 0
1	Total Distributed Market Demand																					900 500.2562				250 2		-	0 0			0 0	
L	Cumulative Overflow	710.0	520.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0.0	0 0.0	0.0	0.0 2	29.2 777.	.2 1325.2	2639.2	3811.3 578	9.5 7853.5	9578.3	11975.3 14	739.3 17903.0	21167.0	24831.0 28	495.0 3190	09.0 3532	3.0 38987	.0 42651.	.0 46315.0	49979.0 5	53643.0 5730	07.0 60971.0	64635.0 68299.0

2

Trunk Infrastructure Capacity: Is the combined available capacity of trunk sewer/water/elec within a precinct

Practical Supply Limit: Is the ideal achievable limit of dwellings that could practicably be constructed in a precinct for a given year.

Distributed Marked Demand: Is the development uptake/construction within a precinct based on the unconstrained Market Demand (AEC Data). The NWGC market demand for a given year is distributed over the available precincts that have practical supply.

#### NWPLRA Current Servicing Strategy - High Growth-High Density (HGHD)

PRECINCT		2015	2016	2017	2018	2019	2020	2021 20	2023	2024	2025	2026 2	027 202	8 2029	2030	2031	2032 2	033 20	4 2035	2036	2037	2038 2039	2040	2041	2042	2043 20	44 204	5 2046	2047	2048	2049 205	0 2051	2052 2053
	Current Serviceability	5579			661															2265													
Alex Avenue	Trunk Infrastructure Capacity	5579	5379	5079	5453	5193	4907	4609 43	306 4004	3693	3371	3068 2	831 256		1993			.036 6			1865	1465 1065	665	265	0	0	0	0 0	0	0	0	0 0	0 0
8505	Practical Supply Limit	200	300	400	400	400			400 400		400		400 40		400	400		400 4				400 400		265	0	0	0 0	0 0	0	0	0 0	0 0	0 0
	Distributed Market Demand	200	300	287	261	286	298	303 3	303 310		303	237	262 26	2 313	279	278	400	394 4	0 242	400	400	400 400	400	265	0	0	0	0 0	0	0	0	0 0	0 0
Area 20	Current Serviceability Trunk Infrastructure Capacity	2500 2500	2300	2000	1713	1453	1167	869 5	566 264	2462 2462	2140	1837 1	600 133	8 1075	762	192	205	0	0 0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 (
4962	Practical Supply Limit	200	300	400	400	400	400		100 264 100 264		400		400 40		400	400	205	0	0 0	0	0	0 0	0	0	0	0	0 0	0 0	0	0	0 0	0 0	0 0
	Distributed Market Demand	200	300	287	261	286	298		303 264		303		262 26		279	278	205	0	0 0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 0
	Current Serviceability	1600			1500			65	552																3624								
Box Hill and Box Hill Ind.	Trunk Infrastructure Capacity	1600	1400	1100	2313	2052	1766	1468 <b>77</b>	<b>17</b> 7414	7104	6782	6479 6	242 598	0 5718	5405	5126	4848 4	412 40	.8 3530	3030	2533	2033 1533	1033	533	3657	3157 26	57 215			657	157 (	0 0	0 0
13276	Practical Supply Limit Distributed Market Demand	200 200	300 300	400 287	500 261	500 286	500 298	500 5 303 3	500 500 303 310	500 322	500 303	500 237	500 50 262 26	0 500 2 313	500 279	500 278	500 436	500 5 394 4	0 500	500 497	500 500	500 500 500 500	500 500	500 500	500 500	500 5 500 5	00 50 00 50	0 500 0 500		500 500	157 ( 157 (	0 0 0 0	0 0
	Current Serviceability	1000	500	207	201	200	290	505 3	505 510	522	303	237	202 20	2 313	2/9	270	430	374 4	6 500	497	500	500 500	500	500	500	500 5	00 50	0 500	500	500	157	0 0	0 (
Colebee	Trunk Infrastructure Capacity	1000	600	200	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0 0	0 0	0	0	0 0	0 0	0 0
1000	Practical Supply Limit	400	400	200	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0 0	0 0	0	0	0 0	0 0	0 0
	Distributed Market Demand	400	400	200	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	00	0	0	0	0 0	0 (
	Current Serviceability			600				400				264																					
Marsden Park Industrial	Trunk Infrastructure Capacity	0	0	600	200	0	0	400	0 0	0	0	264	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 0
1264	Practical Supply Limit	0	0	400 400	200	0	0	400 400	0 0	0	0	264 264	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 0
	Distributed Market Demand Current Serviceability	2400	0	400	200	U	-	2400	0 0	U	U		200	0 0	1200	U	0	108	0 0	2382	U	0 0	U	0	0	0	0 0	0 0	U	U	0	0 0	0 0
Marsden Park	Trunk Infrastructure Capacity	2400	2000	1600	1200	800			00 1600	1200	800		200 80	0 400	1200	650			8 1158		2340	1740 1140	540	0	0	0	0	0 0	0	0	0	0 0	0 1
12690	Practical Supply Limit	400	400	400	400	400	400	400 4	100 1000	400	400		200 80 400 40	0 400	550	550		900 6	0 600	2940	600	600 600	540	0	0	0	0 0	0 0	0	0	0 0	0 0	0 0
	Distributed Market Demand	400	400	400	400	400	400	400 4	100 400	100	400		400 40		550	550		900 6	0 600	600	600	600 600	540	Ő	0	0	0	0 0	0	0	0	0 0	0 (
	Current Serviceability			2800						1200		3834																					
Marsden Park North	Trunk Infrastructure Capacity	0	0	2800	2400	2000			300 400				834 343		2634	2234		434 10		234	0	0 0	0	0	0	0	0 0	0 0	0	0	0 0	0 0	0 0
7834	Practical Supply Limit	0	0	400 400	400 400	400 400	400 400		400 400 <b>400</b>		400 400		400 40 400 40		400 400	400 400		400 4		-	0	0 0	0	0	0	0	0 0	0 0	0	0	0	0 0	0 (
	Distributed Market Demand Current Serviceability	4500	U	400	400	400	400	400 4	100 400	400	400	400	400 40	0 400	685	400	400 2556	400 4	0 400	234	U	0 0	U	U	U	0	0	0 0	U	U	0	0 0	0 0
North Kellyville	Trunk Infrastructure Capacity	4500	4100	3600	3313	3053	2767	2469 21	1964	1553	1231	928	691 42	9 167	685	406		247 18	2 1265	965	260	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 (
7741	Practical Supply Limit	400	500	500	500	500	500		500 500		500		500 42		500	400		500 5		500	369	0 0	0	0	0	0	0 0	0 0	0	0	0 0	0 0	0 0
	Distributed Market Demand	400	500	287	261	286	298	303 3	303 310	322	303	237	262 26	2 167	279	278	436	394 4	8 500	497	369	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 (
	Current Serviceability	841			1500			61	192														367	5111									
Riverstone	Trunk Infrastructure Capacity	841	641	341	1554	1294	1008		<b>62</b> 97 6297	5986	5664	5361 5	124 486	2 4600	4286	4007	3729 3	293 28	9 2411	1911	1414	914 414		5111		111 36					1111 61		0 0
14011	Practical Supply Limit Distributed Market Demand	200 200	300 300	341 287	500 261	500 286	500 298		500 500 303 310	500 322	500 303		500 50 262 26		500 279	500 278		500 5 394 4	0 500 8 500	500 497	500 500	500 414 500 414	367 367	500 500	500 500		00 50 00 50			500 500	500 500	0 111 0 111	0 (
	Current Serviceability	200	1400	207	201	200	290		505 510 500	522	303	237	202 20	2 313	2/9	270	430	374 4	6 500	126	500	500 414	307	500	500	500 5	00 50	0 500	500	500	500 50	0 111	0 (
Riverstone East	Trunk Infrastructure Capacity	0	1400	1200	913	653	367		500 4298	3987	3665	3362 3	125 286	3 2601	2287	2008	1730 1	330 9	6 536	262	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 (
6126	Practical Supply Limit	0	200	300	400	400	367		400 400		400		400 40		400	400		400 4			0	0 0	0	0	0	0	0	<u> </u>	0	0	0	0 0	0 0
	Distributed Market Demand	0	200	287	261	286	298	69 3	303 310	322	303	237	262 26	2 313	279	278	400	394 4		262	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 (
	Current Serviceability																																
Riverstone West	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0 0	0 0	0	0	0 0	0 0	0 0
0	Practical Supply Limit Distributed Market Demand	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0 0	0 0	0	0	0	0 0 0 0	0 (
	Current Serviceability	1641	v	v	1170	v				v	490	-	575		v	v			- 5	v		• 0	v	v					v			· ·	, in the second s
Schofields	Trunk Infrastructure Capacity	1641	1341	1041	1924	1664	1378	1080 7	780 480	180	490		575 31	3 51	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 0
3876	Practical Supply Limit	300	300	300	300	300	300	300 3	300 300	180	300		300 30		0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	<u> </u>	0	0	0	0 0	0 0
	Distributed Market Demand	300	300	287	261	286	298	300 3	300 300	180	300	190	262 26	2 51	0	0	0	0	0 0		0	0 0		0	0			00	0	0	0	00	0 (
	Current Serviceability																			2000			1278				90						
Schofields West	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0			1200 800		1278			<b>68</b> 36		0	0	0	0 0	0 0
5908	Practical Supply Limit Distributed Market Demand	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0 0 0	0	0	0	0	0 0 0 0	400 400	400 400	400 400 400 400	400 400	400 400	400 400	400 4 400 4	00 36	0 0	0	0	0	0 0 0 0	0 0
	Current Serviceability																									500 11			-		626	-	
Shanes Park	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0	0		500 14		9 929	679	429	805 555	5 305	55 (
2305	Practical Supply Limit	0	0	0					0 0													0 0	0	0	0	250 2	50 25	0 250	250	250	250 250	0 250	55 (
	Distributed Market Demand	0	0	0		0	0	0	0 0	0			0	0 0	0				0 0	0	0	0 0	0	0	0	250 2	50 25	0 250	250	250	250 25	0 250	55 (
	Current Serviceability	0			750							1350				1054		421															
Vineyard	Trunk Infrastructure Capacity	0	400	200	750				0 0					0 588					1003		203	0 0	0	0	0	0	0	0 0	0	0		0 0 0 0	0 0
4975	Practical Supply Limit Distributed Market Demand	0	200 200	200	400 261	400 286	204 204	0	0 0	0	0		400 40 262 26		275 275	400 278		400 4	0 400 0 400		203 203	0 0 0 0	Ũ	0	0	0	0	0 0 0 0	0	0	0	0 0 0 0	0 0
TOTALS										-													-						-			-	
92533	Required Demand (AEC Data)		3010	3086	3086				2915									664 36				3664 3664				3664 36					3664 3664		3664 3664
	Adjusted Demand Less Developer Driven Practical Supply Limit	2210 2300	2920 3200	2206 4241					L15 2115 300 3664					8 2098 9 3617			2714 2 3855 4					3757 5021 2400 2314							21179 1250		6007 28764 907 75		34981 38590 55 (
	Fragmented Distributed Market Demand	1500																				L800 2314										0 361	55 (
	Total Distributed Market Demand	2300	3200	3606	3086	3086	3086	3086 29	915 2915	2915	2915	2915 2	898 289	8 2898	2898	2898	3664 3	664 36	4 3542	3786	2971	2400 2314	2207	1665	1400 1	1650 16	50 161	8 1250	1250	1250	907 75	0 361	55 (
1	Cumulative Overflow	710	520	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 122	0	693	1957 3307	4764	6763	9027 11	130	55 1510	1 17515	19929	22343 2	5100 2801	4 31317	34926 38590

3

Trunk Infrastructure Capacity: Is the combined available capacity of trunk sewer/water/elec within a precinct

Practical Supply Limit: Is the ideal achievable limit of dwellings that could practicably be constructed in a precinct for a given year.

Distributed Marked Demand: Is the development uptake/construction within a precinct based on the unconstrained Market Demand (AEC Data). The NWGC market demand for a given year is distributed over the available precincts that have practical supply.

## Appendix D. Coordinated Servicing Strategy

#### Table D.1: Coordinated Servicing Strategies Under Different Growth and Density Scenarios

Strategy Sheet	Title		Description
1	NWPLRA Coordinated Servicing Strategy Low Growth - Low Density (LGLD)	indicativ relation to e Sce	a alternative coordinated servicing strategy and re delivery dates for bulk/ trunk infrastructure in ach precinct under a Low Growth, Low Density nario in order to meet market demand, remove ags and optimise authority capital expenditure.
2	NWPLRA Coordinated Servicing Strategy Low Growth - High Density (LGHD)	indicativ relation to ea Sce	a alternative coordinated servicing strategy and ve delivery dates for bulk/ trunk infrastructure in ach precinct under a Low Growth, High Density nario in order to meet market demand, remove ags and optimise authority capital expenditure.
3	NWPLRA Coordinated Servicing Strategy High Growth - High Density (HGLD)	indicativ relation to ea Sce	a alternative coordinated servicing strategy and ve delivery dates for bulk/ trunk infrastructure in ch precinct under a High Growth, High Density nario in order to meet market demand, remove ags and optimise authority capital expenditure.
	ALL	1070	Indicates a service which could be delayed
ALL		685	Indicates a service which could be accelerated

These sheets relate to the precinct data sheets 2 & 3 shown in Appendix B.

#### NWPLRA Coordinated Servicing Strategy - Low Growth-Low Density (LGLD)

PRECINCT		2015	2016	2017	2018	2019	2020	2021	2022	2023 202	24 2025	2026	2027	2028	2029 20	030 2031	2032	2033	2034	2035 203	36 2037	2038 2	2039 2040	2041	2042	2043	2044 2	2045 20	046 204	47 2048	2049	2050	2051 205	52 2053
	Current Serviceability	5579			661																													
Alex Avenue	Trunk Infrastructure Capacity	5579	5432	5306	5920	5816				5355 52						379 4225		3862		3463 318			2098 1813		1238	933		305	0	0 0	0	0	0	0 0
6240	Practical Supply Limit	200	300	400	400	400	400				0 400		400			400 400		400		400 40			400 400		400	400		305	0	0 0	0	0	0	0 0
	Distributed Market Demand	147	126	47	104	133	133	76	120	120 1	20 120	8/	176	176	176 1	155 155	208	164	235	275 29	90 400	400	287 287	287	305	335	293	305	0	0 0	0	0	0	0 0
Area 20	Current Serviceability Trunk Infrastructure Capacity	2500 2500	2353	2227	2180	2076	1943	1810	1735	1615 14	95 1375	1255	1167	001	815 6	539 485	330	122	0	0	0 0	0	0 (		0	0	0	0	0	0 0	0	0	0	0 0
2500	Practical Supply Limit	200	2355	400	400	400	400				35 1575 00 400		400			400 400		122	0	0	0 0	0	0 0	) 0	0	0	0	0	0	0 0	0	0	0	0 0
2500	Distributed Market Demand	147	126	47	104	133	133				20 120					155 155			0	0	0 0	0	0 0	) 0	0	0	0	0	0	0 0	0	0	0	0 0
	Current Serviceability	1600			1875									6177																				
Box Hill and Box Hill Ind.	Trunk Infrastructure Capacity	1600	1453	1327	3155	3051	2918	2785	2710	2590 24	70 2350	2230	2142	8143	7967 77	791 7637	7482	7274	7110	6875 660	00 6310	5908 5	505 5218	8 4931	4644	4339	4005 3	3712 33	367 286	57 2367	1867	1367	867 3	67 0
9652	Practical Supply Limit	200	300	400	500	500	500	500		500 5		500	500			500 500		500		500 50			500 500		500	500			500 50					67 0
	Distributed Market Demand	147	126	47	104	133	133	76	120	120 1	20 120	87	176	176	176 1	155 155	208	164	235	275 29	90 403	403	287 287	287	305	335	293	345 !	500 50	00 500	500	500	500 36	67 0
Calabaa	Current Serviceability	1000	600	200	0	0	0	0	0	0	0 0	0	0	0	0	0		0	0	0	0 0	0	0 (		0	0	0	0	0	0 0	0	0	0	0 0
Colebee	Trunk Infrastructure Capacity Practical Supply Limit	400	600 400	200 200	0	0	0	0	0	0	0 0	0	0	0	0		, U	0	0	0	0 0	0	0 0	) () ) ()	0	0	0	0	0	0 0	0	0	0	0 0
1000	Distributed Market Demand	400	400	200	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	) 0	0	0	0	0	0	0 0	0	0	-	0 0
	Current Serviceability			600				400				228																						
Marsden Park Industrial	Trunk Infrastructure Capacity	0	0	600	200	0	0	400	0	0	0 0	228	0	0	0	0 0	0	0	0	0	0 0	0	0 0	) 0	0	0	0	0	0	0 0	0	0	0	0 0
1228	Practical Supply Limit	0	0	400	200	0	0	400	0	0	0 0		0	0	0	0 0		0	0	0	0 0	0	0 (	0 0	0	0	0	0	0	0 0	0	0	0	0 0
	Distributed Market Demand	0	0	400	200	0	0	400	0	0	0 0	228	0	0		0 0	0		0	0	0 0	0	0 (	0	0	0	0	0	0	0 0	0	0	0	0 0
Manadan Dark	Current Serviceability	2400			4967	0.57		2400	2000				1200	0.05		200		3108	4755		-				_	c.					_			
Marsden Park 10308	Trunk Infrastructure Capacity Practical Supply Limit	2400 400	2000 400	1600 400	1200 400	800 400	400 400	2400 400		1600 12 400 4	00 800 00 400		1200 400			200 650 550 550		2658 900		1158 55 600 55		0	0 0	0	0	0	U O	U O	U O	U 0	0	0	U	U 0
10300	Distributed Market Demand	400	400	400	400 400	400					00 400 00 400					550 550 550 550				600 55		0	0 0	) 0	0	0	0	0	0	0 0	0	0	0	0 0
	Current Serviceability			2800						12																								
Marsden Park North	Trunk Infrastructure Capacity	0	0	2800	2400	2000	1600	1200	800	400 12	<b>00</b> 800	400	0	0	0	0 0	0	0	0	0	0 0	0	0 0	) 0	0	0	0	0	0	0 0	0	0	0	0 0
4000	Practical Supply Limit	0	0	400	400	400	400				0 400		0	0	0	0 0	0	0	0	0	0 0	0	0 0	0 0	0	0	0	0	0	0 0	0	0	0	0 0
	Distributed Market Demand	0	0	400	400	400	400	400	400	400 4	00 400	400	0	0	0	0 0	0	0	0	0	0 0	0	0 (		0	0	0	0	0	0 0	0	0	0	0 0
North Kellusille	Current Serviceability	4500	4050	4007		4075	22.42	2010	0705			2255	2467	2004					4050			75.0	685		433									
North Kellyville	Trunk Infrastructure Capacity Practical Supply Limit	<b>4500</b> 400	4353 500	4227 500	4180 500	4076 500	3943 500	3810 500	500	3615 34 500 5	95 3375 00 500	3255 500	3167 500			539 2485 500 500		2122 500		1723 144 500 50			353 <b>75</b> 1 353 500		177 177	0	0	0	0	0 0	0	0	0	0 0
5105	Distributed Market Demand	147	126	47	104	133	133			120 1	500		176			155 155		164			0 403		287 287		177	0	0	0	0	0 0	0	0	0	0 0
	Current Serviceability	841			1875									5817																		367		
Riverstone	Trunk Infrastructure Capacity	841	694	568	2396	2292	2159	2026	1951	1831 17	11 1591	1471	1383	7024	6848 66	672 6518	6363	6155	5991	5756 548	31 5191	4789 4	1386 4099	3812	3525	3220	2886 2	2593 22	248 174	48 1248	748	615	115	0 0
8900	Practical Supply Limit	200	300	400	500	500				500 5			500			500 500		500		500 50			500 500		500				500 50				-	0 0
	Distributed Market Demand	147	126	47	104	133	133	76	120	120 1	20 120	87	176		176 1	155 155	208	164	235	275 29	90 403	403	287 287	287	305	335	293	345 !	500 50	00 500	500	500	115	0 0
D	Current Serviceability		1400											4600															_					
Riverstone East	Trunk Infrastructure Capacity Practical Supply Limit	0	1400 200	1274 300	1227 400	1123 400	990 400	857 400			42 422 00 400		214 214			286 4132 400 400		3769 400		3370 309 400 40			2005 1718 400 400		1145 400	840 400		212 212	0	0 0	0	0	0	0 0
	Distributed Market Demand	0	126	47	104	133	133				20 120		176			155 155				275 29			287 287		305			212	0	0 0	0	0	0	0 0
	Current Serviceability																																	
Riverstone West	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	) 0	0	0	0	0	0	0 0	0	0	0	0 0
0	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	) 0	0	0	0	0	0	0 0	0	0	0	0 0
	Distributed Market Demand	0	0	0	0	0	0	U	U	0	0 0	0	0	0	0	0 0	0	0	U	0	0 0	0	0 (	0	0	U	U	U	0	U 0	0	U	U	0 0
Schofields	Current Serviceability	1641	1404	1360	1004	1217	1084	051	976	756 5	06	200	300	1170	1126	050 704	C 44	422	260	24	0 0	0	0		0	C	0	0	0	0 0	0	0	0	0 0
2811	Trunk Infrastructure Capacity Practical Supply Limit	1641 300	1494 300	1368 300	1321 300	1217 300	1084 300	951 300			36 516 00 300		308 300			950 796 300 300		433 300	269 269	34 34	0 0	0	0 0	, U ) O	0	0	0	0	0	0 0	0	0	0	0 0
	Distributed Market Demand	147	126	47	104	133	133				20 120		176			155 155				34	0 0	0	0 (	) 0	0	0	0	0	0	0 0	0	0	0	0 0
	Current Serviceability																					2	2000											
Schofields West	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0		2000 1713		1139	834	500	207	0	0 0	Ō	0	Ō	0 0
2000	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0		400 400					207	0	0 0	0	0	0	0 0
	Distributed Market Demand	0	0	0	0	0	U	0	U	U	0 0	U	U	0	U	0 (	0	U	U	U	0 0	0	287 287	287	305	335		207	0	0 0	U	0	0	0 0
Shanes Park	Current Serviceability Trunk Infrastructure Capacity		0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 /		0	0	0	0 0	0	0 4		0	0	500	250	0	0 0	0	0	0	0 0
500	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	, U	0	0	0	0 0	0	0 1	, U ) N	0	0		250 250	0	0 0	0	0	0	0 0
	Distributed Market Demand	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 (	0	0	0	250		0	0 0	0	0	0	0 0
	Current Serviceability	0																					970	1070		460								
Vineyard	Trunk Infrastructure Capacity	0	0	0																	0 0			1466					362			-	-	0 0
2500	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0 0	<u> </u>	0	0	-	0 0	-	-	0	-	0 0		400 400							0 0	0	0	0	0 0
TOTALS	Distributed Market Demand	0	0	0	0	0	0	U	U	U	U 0	0	0	0	0	0 0	0	0	0	0	0 0	0	287 287	287	305	335	293	345	362	0 0	0	U	U	0 0
62824	Required Demand (AEC Data)	1682	1682	1729	1729	1729	1729	1729	1640	1640 16	40 1640	1640	1632	1632	1632 16	632 1632	2008	2008	2008	2008 200	08 2008	2008 2	2008 2008	2008	2008	2008	2008 2	2008 20	008 200	08 2008	2008	2008	2008 200	08 2008
	Adjusted Demand Less Developer Driven	882	882	329	729	929					40 840						1458			1408 145			2008 2008						008 265					80 9721
	Practical Supply Limit Fragmented Distributed Market Demand	2300 882	3000 882	4100 329	4000 729	3800 929				3800 38 840 8	00 <u>3800</u> 40 <u>840</u>					550 3550 082 1082			3169 1408	2934 285 1408 145		2300 2 2008 2	2953 3100	3064 2008	2777 2008				362 100 362 100					67 0 67 0
	Total Distributed Market Demand	1682	1682	1729	1729	929	1729				40 840 40 1640					632 1082 632 1632						2008 2							362 100 362 100					67 0 67 0
	Cumulative Overflow	0	0	0	0	0	0	0	0		0 0					0 0					0 0		0 0			0							6072 77	

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Trunk Infrastructure Capacity: Is the combined available capacity of trunk sewer/water/elec within a precinct

Practical Supply Limit: Is the ideal achievable limit of dwellings that could practicably be constructed in a precinct for a given year.

Distributed Marked Demand: Is the development uptake/construction within a precinct based on the unconstrained Market Demand (AEC Data). The NWGC market demand for a given year is distributed over the available precincts that have practical supply.

#### NWPLRA Coordinated Servicing Strategy - High Growth-Low Density (HGLD)

PRECINCT		2015	2016	2017	2018	2019	2020	2021	2022 20	023 202	.4 2025	2026	2027	2028	2029 20	30 2031	2032	2033 2	034 2035	2036	.037 203	38 2039	2040	2041 2	042 204	3 2044	2045	2046	2047	2048 20	049 2050	2051	2052 2053
	Current Serviceability	5579			661																												
Alex Avenue	Trunk Infrastructure Capacity	5579	5379	5079	5374	5076	4745	4414	4144 38	842 3499	9 3105	2705	2328	1928 2	1571 11	71 779	388	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
6240	Practical Supply Limit	200	300	400	400	400	400	400		400 400			400			00 400	388	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	200	300	366	298	331	331	269	303 3	343 394	400	377	400	357	400 3	91 391	388	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
A	Current Serviceability	2500												_	-					-									-	-			
Area 20	Trunk Infrastructure Capacity Practical Supply Limit	2500 200	2300 300	2000 400	1634 400	1336 400	1005	674 400	404 1	102 (	) 0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
2500	Distributed Market Demand	200			298	331			303 1	102 0	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0 0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability	1600			1875		6177																							_			
Box Hill and Box Hill Ind.	Trunk Infrastructure Capacity	1600	1400	1100	2609	2311		7826	7556 72	254 6913	1 6517	6079	5701	5269	4912 44	85 4094	3702	3202 2	702 2202	1702	.202 70	2 202	0	0	0	0 0	0	0	0	0	0 0	0	0 0
9652	Practical Supply Limit	200	300	400	500	500	500	500	500 5	500 50	0 500	500	500	500	500 5	00 500	500	500	500 500	500	500 50	00 202	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	200	300	366	298	331	331	269	303 3	343 394	438	377	433	357	427 3	91 391	500	500	500 500	500	500 50	00 202	0	0	0	00	0	0	0	0	0 0	0	0 0
	Current Serviceability	1000																															
Colebee	Trunk Infrastructure Capacity	1000	600	200	0	0	0	0	0	0 (	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
1000	Practical Supply Limit	400	400	200	0	0	0	0	0	0 (	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	400	400	200	0	0	0	0		0	<u> </u>	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability			600				400				228																					
Marsden Park Industrial	Trunk Infrastructure Capacity	0	0	600 400	200	0	0	400	0	0 (	) 0	228	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Practical Supply Limit Distributed Market Demand	0	0		200	0	0	400 400	0	0 0	0 0 0 0	228 228	0	0	0	0 0 0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability	2400	Ŭ				-	2400		_			1200		12		Ŭ	3108								Ū	·					, i i i i i i i i i i i i i i i i i i i	
Marsden Park	Trunk Infrastructure Capacity	2400	2000	1600	1200	800			2000 16	.600 1200	0 800	400	1200	800	400 12		100		758 1158	558	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
Marsden Park Tr 10308 Pr Di	Practical Supply Limit	400	400	400	400	400	400	400	400	400 40	.0 400	400	400	400	400 5	50 550	550	900	500 600	558	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	400	400	400	400	400	400	400	400 4	400 400	00 400	400	400	400	400 5	50 550	550	900	500 600	558	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability			2800						1200	0																						
Marsden Park North 4000	Trunk Infrastructure Capacity	0	0	2800	2400	2000	1600	1200	800 4	400 1200	<b>00</b> 800	400	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Practical Supply Limit	0	0	400	400	400	400			400 400			0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	0	0	400	400	400	400	400	400 4	400 400	00 400	400		0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability	4500											685																				
North Kellyville	Trunk Infrastructure Capacity	4500	4100	3600	3234	2936				.702 1359			834	402	45	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
5185	Practical Supply Limit Distributed Market Demand	400 400	500 500	500 366	500 298	500 331	500 331	500 269	500 5 303 3	500 500 343 39/	00 500 04 438		500 433	402 357	45 45	0 0	0	0	0 0	0	0	0 0 0 0	0	0	0	0 0	0	0	0	0	0 0 0 0	0	0 0
	Current Serviceability	841	500	300	1875	331	5817	205	303 3	J-J JJ-	7 430		455	337	45	0 0	Ŭ	v	0 0	Ŭ	367	0 0	v	Ū	Ū	0 0	v				<u> </u>	Ū	0 0
Riverstone	Trunk Infrastructure Capacity	841	641	341	1875	1577	7063	6732	6463 61	160 581	7 5423	/985	4607	4175	3818 37	91 3000	2609	2109 1	509 1109	609	476	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
8900	Practical Supply Limit	200	300	341	500	500	500	500	500 /	500 50	0 500	500	500	500	500 5	00 500	500	500	500 500	500	476	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	200		341	298	331	331	269	303 3	343 394	438	377	433	357	427 3	91 391	500	500	500 500	500	476	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability		1400				4600																										
liverstone East	Trunk Infrastructure Capacity	0	1400	1200	900	602	4871	4540	4271 39	968 3625	25 3231	2831	2454	2054	1697 12	97 906	514	114	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
6000	Practical Supply Limit	0	200	300	400	400	400	400		400 400	00 400		400			00 400		114	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	0	200	300	298	331	331	269	303 3	343 394	4 400	377	400	357	400 3	91 391	400	114	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability																																
Riverstone West	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0 /	J 0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
0	Practical Supply Limit Distributed Market Demand	0	0	0	0	0	0	0	0	0 (	0 0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
		1641	v	U		U	1170							~		5 0	v	,	, ,	v	U	• •	U	v	v	0	v					U	U 1
Schofields	Current Serviceability Trunk Infrastructure Capacity	1641	1341	1041	741	443	1313	1013	744	111 14		0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
2811	Practical Supply Limit	300	300	300	300	300	300	300	300	444 144 300 144	, J ,4 0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	300		300	298	300	300	269		300 144	14 0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability												2000																				
Schofields West	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0 0	0	2000	1600 :	1243 8	43 452	60	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
2000	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0 0	0	400		400 4	00 400	60	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	0	0	0	0	0	0	0	0	0	) O	0	400	357	400 3	91 391		0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
	Current Serviceability																500																
Shanes Park	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0 /	J 0	0	0	0	0	0 0	500	100	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 0
500	Practical Supply Limit Distributed Market Demand	0	-	-	-	-	-	-	0	-	0 0	-	-	0	0		400 400			0						0 0			-	-	0 0 0 0	-	0 0
	Current Serviceability	0	U	U	U	U					· · · ·			970	10		400	460	0 0	U	0	0 0	U	U	5	0 0	0				0 0	U	0 1
Vinevard	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0 (	0 0	_	0				500		160 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0 1
Vineyard 2500	Practical Supply Limit	0	0	0	0	0	0	0			0 0					.00 400	500 400		160 0 160 0			0 0	0	0		0 0 0 0		n	n	0	0 0	0	0 0
	Distributed Market Demand	0	0	0	0	0	0	0	-	-	0 0	-	-					400		9	0	0 0	0	0	0	0 0 0 0	0	0	0	0	0 0	0	0 0
TOTALS 62824	Required Demand (AEC Data)	3010	3010	3086.00	3086	3086	3086	3086	2915 2	915 291	5 2915	2915	2898	2898						3664	664 366	54 3664	3664	3664 3	664 366	4 3664	3664	3664	3664	3664 36	664 3664	3664	3664 3664
1	Adjusted Demand Less Developer Driven																			8688.8 113													
	Practical Supply Limit	2300	3000																	1558 975.				0			0		0		0 0	-	0 0
1	Fragmented Distributed Market Demand	1500					2286 3086													1000 975.		00 202.2976	0	0		0 0					0 0		0 0
																																	0 0
	Total Distributed Market Demand Cumulative Overflow	2300	3000 720.0												2898 28			1615.3 35		1558 975. 7688.8 103		00 202.2976 3 17003.0	0	•	•	0 0			0		0 0	•	635.0 68299.0

Trunk Infrastructure Capacity: Is the combined available capacity of trunk sewer/water/elec within a precinct

Practical Supply Limit: Is the ideal achievable limit of dwellings that could practicably be constructed in a precinct for a given year.

Distributed Marked Demand: Is the development uptake/construction within a precinct based on the unconstrained Market Demand (AEC Data). The NWGC market demand for a given year is distributed over the available precincts that have practical supply.

#### NWPLRA Coordinated Servicing Strategy - High Growth-High Density (HGHD)

Alex Avenue 8505 Area 20 4962	Current Serviceability Trunk Infrastructure Capacity Practical Supply Limit Distributed Market Demand Current Serviceability Trunk Infrastructure Capacity Practical Supply Limit	<b>5579</b> <b>5579</b> 200 <b>200</b>	5379 300	5079 400	661 5374	5076	4745														226	5													
8505 Area 20 4962	Practical Supply Limit Distributed Market Demand Current Serviceability Trunk Infrastructure Capacity	200 200			5374	5076	4745																												
Area 20 4962	Distributed Market Demand Current Serviceability Trunk Infrastructure Capacity	200	300	400			4745	4414	4144	3842	3539 3	3237 2	934 26	70 2408	3 2156	1893	1650	1406	1083	788	455 <b>23</b> 8	<b>7</b> 2033	1633 1	233 8	33 433	33	0	0	0	0	0	0	0 0	0	0 (
Area 20 4962	Current Serviceability Trunk Infrastructure Capacity				400	400	400	400	400				400 40			400	400	400	400		400 40				00 400		0	0	0	0	0	0	0 0	0	<u> </u>
Area 20 4962	Trunk Infrastructure Capacity		300	366	298	331	331	269	303		303	303	264 20	62 252	2 262	244	244	323	296	333	333 35	4 400	400	400 4	00 400	33	0	0	0	0	0	0	0 0	0	0 0
4962		2500								2462																									
		2500 200	2300 300	2000 400	1634 400	1336 400	1005 400	674 400	404 400				556 139 400 40	92 1130 00 400		615 400	372 372	128 128	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	200	300 300	366	298	331	400 331	269	303	303				62 252			372 244	128	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Current Serviceability	1600			1875		6177														-			-			3624								
ox Hill and Box Hill Ind.	Trunk Infrastructure Capacity	1600	1400	1100		2311	8157	7826	7556	7254	6951 6	5649 6	346 608	82 5820	) 5568	5305	5062	4818	4495	4200 3	867 35	4 3180	2699 2	199 16	99 1199	699	3823	3323	2823	2323	1823 1	1323 8	23 323	0	0 (
	Practical Supply Limit	200	300	400	500	500	500	500	500	500	500	500	500 50	00 500	500	500	500	500	500	500	500 50	0 500	500	500 5	00 500		500	500	500	500			00 323	0	0 0
	Distributed Market Demand	200	300	366	298	331	331	269	303	303	303	303	264 20	62 252	2 262	244	244	323	296	333	333 35	4 481	500	500 5	00 500	500	500	500	500	500	500	500 5	00 323	0	0 0
	Current Serviceability	1000																																	
	Trunk Infrastructure Capacity	1000	600	200	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 C
1000	Practical Supply Limit	400	400	200	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	400	400	200	0	0	0	0	0	U	0	0	0 264	0 (	) 0	0	U	U	0	U	U	0 0	0	U	0 0	U	U	U	0	U	U	0	0 0	U	
Marsden Park Industrial	Current Serviceability		â	600	200	0	<u>^</u>	400								<u>^</u>							2					0		â					
	Trunk Infrastructure Capacity Practical Supply Limit	0	0	<b>600</b> 400	200	0	0	<b>400</b> 400	0	0	0		<b>264</b> 264			0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	0	0	400	200	0	0	400	0	0	0		264 264	0 0	) 0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Current Serviceability	2400						2400					12	00		1200			3108		238	2													
Marsden Park	Trunk Infrastructure Capacity	2400	2000	1600	1200	800	400	2400	2000	1600	1200	800	400 120		) 400	1200	650			1758 1	158 294		1740 1	140 5	40 0	0	0	0	0	0	0	0	0 0	0	0 (
	Practical Supply Limit	400	400	400	400	400	400	400	400	400				00 400		550	550	550	900		600 60		600	600 5	40 0	0	0	0	0	0	0	0	0 0	0	0 (
D C Marsden Park North	Distributed Market Demand	400	400	400	400	400	400	400	400	400	400	400	400 40	00 400	) 400	550	550	550	900	600	600 60	0 600	600	600 5	40 0	0	0	0	0	0	0	0	0 0	0	0 0
	Current Serviceability			2800							1200	3	334																						
Marsden Park North	Trunk Infrastructure Capacity	0	0	2800	2400	2000	1600	1200	800				2 <b>34</b> 383			2634	2234				634 23		0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 C
	Practical Supply Limit	0	0	400	400	400	400	400	400	400				00 400		400	400	400	400		400 23		-	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	0	0	400	400	400	400	400	400	400	400	400	100 40	00 400		400	400	400	400	400	400 23	4 0	0	U	0 0	0	U	0	0	U	0	0	0 0	U	
	Current Serviceability	4500													685		2556																		
	Trunk Infrastructure Capacity Practical Supply Limit	4500 400	4100 500	3600 500	3234 500	2936 500	2605 500	2274 500	2004 500	1702 500				30 268 00 268		438 438	2751 500		2184 500		556 122 500 50	3 869 0 500	388	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	400	500	366	298	331	300 331	269	303	303				62 252		244	244	323	296		333 35		566	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
(t	Current Serviceability	841			1875		5817																	3	67 5111										
	Trunk Infrastructure Capacity	841	641	341	1875	1577	7063	6732	6463	6160	5858 5	5555 5	253 498	88 4726	5 4474	4212	3968	3725	3401	3106 2	773 244	0 2086	1605 1		72 5583		4583	4083	3583	3083	2583 2	2083 15	83 1083	583	83 0
	Practical Supply Limit	200	300	341	500	500	500	500	500	500				00 500		500	500	500	500		500 50	0 500			00 500		500	500	500	500			00 500		83 0
J	Distributed Market Demand	200	300	341	298	331	331	269	303	303	303	303	264 20	62 252	2 262	244	244	323	296	333	333 35	4 481	500	500 5	00 500	500	500	500	500	500	500	500 5	00 500	500	83 0
1	Current Serviceability		1400				4600														12	:6													
	Trunk Infrastructure Capacity	0	1400	1200	900	602	4871						061 279			2020	1776				581 37		0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 C
	Practical Supply Limit Distributed Market Demand	0	200	300	400	400	400	400	400	400				00 400		400	400	400	400		400 37	-	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
		0	200	300	298	331	331	269	303	303	303	303	264 20	62 252	2 262	244	244	323	296	333	333 35	4 20	U	U	0 0	U	U	U	U	U	U	U	0 0	U	
	Current Serviceability		â			0	<u>^</u>	<u>^</u>								<u>^</u>							2			0		0		â					
	Trunk Infrastructure Capacity Practical Supply Limit	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	0	0	0	0	0	0	0	0	0	0	0	0	0 0	) 0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Current Serviceability	1641					1170				490		575																						
	Trunk Infrastructure Capacity	1641	1341	1041	741	443	1313	1013	744					44 82	2 0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 (
Riverstone West Trunk Ir 0 Pratica Distribu Current Schofields Trunk Ir 3876 Pratica	Practical Supply Limit	300	300	300	300	300	300	300	300		300	300	300 30	00 82		0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	00	0	0 0
	Distributed Market Demand	300	300	300	298	300	300	269	300	300	300	300	264 20	62 82	2 0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Current Serviceability												20	00						1278		690													
	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0	0	0 20			1223	980	736			063 73			266	0 0	0	0	0	0	0	0	0	0 0	0	0 C
	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0	0		00 400		400	400	400	400		400 40			266	0 0	0	0	0	0	0	0	0	0 0	0	0 0
	Distributed Market Demand	0	U	U	U	U	U	U	U	U	U	U	0 20	62 252	2 262	244	244	323	296	333	333 35		400	200	0 0	U	U	U	U	U	U	0	0 0	U	0 0
	Current Serviceability	0	0	2	0	0	0	<u>^</u>	2	0	0	0	0	0		0	-		1179	1000	707		267	0	0 -		-	2	-	0	0	0	0 -	0	0
	Trunk Infrastructure Capacity Practical Supply Limit	0	0 0			0	0		0	U	0	0	0	0 0							727 39 400 39														U 0
	Distributed Market Demand	0		0										0 0										0 0											
	Current Serviceability	0												970		1070			460		105			421											
	Trunk Infrastructure Capacity	0	0	0	0	0	0	0	0	0	0	0	0	0 970			1282	1039		880	547 <b>12</b>		514 1		35 735	335	0	0	0	0	0	0	0 0	0	0 0
4975	Practical Supply Limit	0	0	0	0	0	0	0	0	0	0			0 400	400	400	400	400	400	400	400 40	0 400	400		00 400	335	0	0	0	0	0		0 0	-	0 0
	Distributed Market Demand	0	0	0	0	0	0	0	0	0	0	0	0	0 252	262	244	244	323	296	333	333 35	4 400	400	400 4	00 400	335	0	0	0	0	0	0	0 0	0	0 0
TOTALS	Previous d Demond (AEC Data)	2010	2010	0000 000	2000	2000	2000	2005	2015	2015	2015	2015				2000	2000	200	2000	2004			200				2000	200	200	2004	2004			2000	2004
	Required Demand (AEC Data) Adjusted Demand Less Developer Driven		3010 3 2920.0		3086 2086.0	3086 2286.0	3086 2286.0								3 2898 2098.0						664 366 54.0 2830				64 3664		3664 10355.6 1	3664					64 3664 3.6 29003.6	3664	3664 3664 008.9 38590.0
	Practical Supply Limit	2300																					3454.2 2666.										00 822.6525		
	Fragmented Distributed Market Demand	1500		-	2086	2286		1886	2115	2115	2115 2	2115 1	851 209	98 2098	3 2098	1948	1948	2714	2364	2664 2	664 283	0 3064	2854.2 2066.	034 18	00 1800	1368.211	1000	1000	1000	1000			00 822.6525		
	Total Distributed Market Demand	2300	3000				3086							98 2898		2898	2898		3664				3454.2 2666.			1368.211							00 822.6525		
<u> </u>	Cumulative Overflow	710.0	720.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0	0.0 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0	.0 0.0	209.8 120	07.8 253	4395.8	6691.6	9355.6 1	12019.6 1	4683.6 17	347.6 200	011.6 226	75.6 25339	9.6 28180.9	31344.9 34	926.0 38590.0

Trunk Infrastructure Capacity: Is the combined available capacity of trunk sewer/water/elec within a precinct

Practical Supply Limit: Is the ideal achievable limit of dwellings that could practicably be constructed in a precinct for a given year.

Distributed Marked Demand: Is the development uptake/construction within a precinct based on the unconstrained Market Demand (AEC Data). The NWGC market demand for a given year is distributed over the available precincts that have practical supply.



## Appendix E. Authority Correspondence

### PLEASE CONTACT THE DEPARTMENT OF PLANNING & ENVIRONMENT FOR A COPY OF AUTHORITY CORRESPONDENCE IF REQUIRED