

Schedule 10 – Strategic Aboriginal Water Reserves

Item 1 – Water Resources

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Water resources*Table 1: Strategic Aboriginal Water Reserves in the Agreement Area (kL/yr)*

Resource			Total Allocation limit¹	Water available²	Strategic Aboriginal Water Reserve
Area	Subarea	Aquifer			
Arrowsmith	Allanooka	Yarragadee North.	Under review	-	0
Arrowsmith	Darling	Cattamarra Coal Measures North.	400,000	400,000	120,000
Arrowsmith	Darling	Eneabba.	400,000	400,000	120,000
Arrowsmith	Darling	Lesueur Sandstone North.	1,400,000	1,400,000	420,000
Arrowsmith	Darling	Surficial	2,500,000	2,139,000	640,000
Arrowsmith	Dongara	Superficial Swan	7,270,000	2,727,230	820,000
Arrowsmith	Dongara	Surficial	0	0	0
Arrowsmith	Dongara	Cattamarra Coal Measures North.	200,000	200,000	60,000
Arrowsmith	Dongara	Yarragadee North.	4,500,000	2,512,890	750,000
Arrowsmith	Eneabba Plains	Superficial Swan	14,600,000	12,528,500	3,760,000
Arrowsmith	Eneabba Plains	Yarragadee North.	Under review	-	0
Arrowsmith	Eneabba Plains	Eneabba.	2,000,000	600,000	180,000
Arrowsmith	Tathra	Parmelia.	33,400,000	13,821,000	4,150,000
Arrowsmith	Tathra	Yarragadee North.	700,000	700,000	210,000
Arrowsmith	Twin Hills	Surficial	600,000	490,000	150,000
Arrowsmith	Twin Hills	Yarragadee North.	48,800,000	23,354,700	7,010,000
Arrowsmith	Mingenew	Parmelia	6,200,000	0	0
Arrowsmith	Mingenew	Yarragadee North.	0	0	0
Gascoyne	Casuarinas	Surficial (North)	100,000	100,000	30,000
Gascoyne	Casuarinas	Superficial Swan	0	0	0
Gascoyne	Casuarinas	Yarragadee North.	Under review	-	0
Gascoyne	Casuarinas	Cockleshell Gully	5,000,000	4,352,000	1,305,000
Gascoyne	Kalbarri/ Eurardy	Carnarvon – Sandstone	1,000,000	919,000	275,000

Resource			Total Allocation limit ¹	Water available ²	Strategic Aboriginal Water Reserve
Area	Subarea	Aquifer			
Gascoyne	Kalbarri/ Eurardy	Carnarvon – Tumblagooda	5,000,000	896,940	270,000
Gascoyne	Kalbarri/ Eurardy	Carnarvon – Sedimentary	1,000,000	1,000,000	300,000
Gascoyne	Northampton/ Gelena	Northampton – Surficial	5,000,000	4,462,775	1,340,000
Gascoyne	Northampton/ Gelena	Northampton – Sedimentary	2,000,000	1,413,300	425,000
Gascoyne	Northampton/ Gelena	Tumblagooda	1,000,000	1,000,000	300,000
Gascoyne	Yuna/ Eradu	Cockleshell Gully	1,000,000	1,000,000	300,000
Gascoyne	Yuna/ Eradu	Permian Sandstone	5,000,000	4,994,000	1,500,000
Gascoyne	Yuna/ Eradu	Sedimentary	1,000,000	666,000	200,000
Gascoyne	Yuna/ Eradu	Surficial (North)	500,000	376,300	115,000
Gascoyne	Yuna/ Eradu	Yarragadee North.	500,000	500,000	150,000
Total			144,070,000	82,056,385	24,900,000

1. For groundwater resources currently under review a Strategic Aboriginal Water Reserve may be set in future, through the next *Arrowsmith groundwater allocation plan*, if there is water available.
2. Water available was accurate on the 21 June 2019 and was used to calculate the Strategic Aboriginal Water Reserve, rounded up to the nearest 5000 kL/yr.

For further information on water availability please contact our Geraldton office on 08 9665 7000 or midwestgascoyne@dwer.wa.gov.au. You can view the latest water allocation and availability information through the water register on our website www.water.wa.gov.au/maps/water-register.

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Item 2 – Water Resources not included in the Strategic Aboriginal Water Reserves in the Agreement Area

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Table 2: Water resources that were not included in the Strategic Aboriginal Water Reserve in the Agreement Area

Groundwater area	Subarea	Aquifer	Groundwater area	Subarea	Aquifer
Arrowsmith	Darling	Combined – Fractured Rock	Gascoyne	Casuarinas	Perth – Permian Sandstone
	Darling	Perth – Otorowiri.		Kalbarri/ Eurardy	Carnarvon – Sandstone
	Darling	Perth – Parmelia.		Kalbarri/ Eurardy	Carnarvon – Sedimentary
	Darling	Perth – Yarragadee North.		Kalbarri /Eurardy	Carnarvon – Surficial
	Eneabba Plains	Perth – Cattamarra Coal Measures North.		Mullewa/ Byro	Combined – Fractured Rock West – Alluvium
	Eneabba Plains	Perth – Lesueur Sandstone North.		Mullewa/ Byro	Combined – Fractured Rock West – Fractured Rock
	Tathra	Perth – Cattamarra Coal Measures North.		Northampton/ Gelena	Carnarvon – Tumblagooda
	Tathra	Perth – Eneabba.		Northampton/ Gelena	Northampton – Fractured Rock
	Tathra	Perth – Lesueur Sandstone North.		<p>Note: A Strategic Aboriginal Water Reserve does not apply to groundwater classified as fractured rock, aquitard or paleochannel resources. All other resources listed here are present within the subarea boundary, however, they are not accessible in the Agreement Area.</p>	
	Tathra	Perth – Otorowiri.			
	Twin Hills	Perth – Cattamarra Coal Measures North.			
	Twin Hills	Perth – Eneabba.			
	Twin Hills	Perth – Lesueur Sandstone North.			
	Twin Hills	Perth – Parmelia.			
	Twin Hills	Perth – Otorowiri.			
	Mingenew	Perth – Otorowiri.			

Map

