

## **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)*

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

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

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](mailto: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](http://www.water.wa.gov.au/maps/water-register).

**Schedule 10 – Strategic Aboriginal Water Reserves**

**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.</p> <p>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

