



Government of South Australia


Department of Environment,
Water and Natural Resources

REF 14DFW02101

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Adelaide SA 5000
GPO Box 1047
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Australia

Date: 30/11/15


www.environment.sa.gov.au


A/ Executive Director Policy and Planning
Murray-Darling Basin Authority
GPO Box 1801
CANBERRA ACT 2601

Dear 

I write regarding South Australia's obligations under Schedule 1 of the Implementation Plan for Augmentation of the Adelaide Desalination Plant (the Agreement).

In 2014-15 a further 22.75 GL of water was delivered by the Adelaide Desalination Plant for use in metropolitan Adelaide. This brings the total to 125.50 GL since commencement of the plant in 2011. Incorporation of desalinated water into the water supply resulted in only 73.19 GL being drawn from the River Murray for Metropolitan Adelaide and its associated country towns (Metropolitan Adelaide) in 2014-15.

The water that was not diverted from the River Murray has supplemented the State's planned environmental watering activities by contributing to the environmental watering requirements of environmental assets, in particular the Lower Lakes, Coorong and Murray Mouth. On this basis, the State requests that 22.75 GL is recognised as providing an environmental benefit to the Lower Lakes Coorong and Murray Mouth in accordance with the environmental provision requirements under the Agreement.

The following allocations have also been accounted for on account SA213146-0-10009:

- 6,010 ML – received from 100% allocation against the high reliability class 3a entitlement held by the Minister for Water and the River Murray.
- 0.5 ML – received from 100% allocation against the high reliability class 1 entitlement held by the Minister for Water and the River Murray.
- 4.999 ML – received from 100% allocation against the high reliability class 7 entitlement held by the Minister for Water and the River Murray.
- 1,087.1 ML – allocation from New South Wales entitlement held by the Minister for Water and the River Murray.

As required under the Agreement, the attached report identifies the licences and volumes of allocation accounted for in regards to the high reliability entitlement and environmental allocation. The use of this environmental water has also been reported in South Australia's Schedule 12 reporting, as a part of indicators 9.1.1 and 9.1.3.

It would be appreciated if you or someone from the Authority could please confirm by letter or email that the environmental water provisions have been accounted for consistent with the agreed framework for the purpose of meeting reporting requirements in respect of 2014-15.

Once received, the South Australian Government will forward a copy of the Authority's response to [REDACTED] from the Department of Agriculture and Water Resources. If necessary, [REDACTED] can be contacted on either [REDACTED] or [REDACTED]

Yours sincerely

[REDACTED]

DIRECTOR, WATER AND CLIMATE CHANGE

CC

[REDACTED]

Department of Agriculture and Water Resources

ADELAIDE DESALINATION PLANT

Report on Environmental Water Allocations, Use and Outcomes (for the year ended 30 June 2015)

Licence	Account	Environmental Allocation (ML)	Carryover of Balance (ML)	Allocation		Environmental Use (KL)		Closing Balance (KL)
				%	KL	Planned	Actual	
High Reliability Water Entitlement	SA213146-0-10009	6,010,000	0	100	6,010,000	6,010,000	6,010,000	0
		500	0	100	500	500	500	0
		4,999	0	100	4,999	4,999	4,999	0
		1,087,100 ²	0	Various	1,087,100	1,087,100	1,087,100	0
TOTAL		7,102,599	0		7,102,599	7,102,599	7,102,599	0
Water not diverted through use of Adelaide Desalination Plant			0	-	-	-	22,750,000	-

¹ High Reliability Water Entitlement and Environmental Provision have the same meaning as defined in the Implementation Plan for Augmentation of the Adelaide Desalination Plant.

² Water allocations purchased from NSW irrigation districts in the Southern Connected Basin.

2014-15 Watering Locations Use and Outcomes

Water allocations on account SA213146-0-10009 were used at the following sites. The outcomes at those sites are identified in South Australia's Schedule 12 report (specifically indicator 9.3).

- | | | |
|------------------------------|------------------------------|--|
| • Lock 1 (weir pool raising) | • Lock 2 (weir pool raising) | • Loveday Basin |
| • Tolderol Wetland | • Weila Wetland | • Templeton Wetland |
| • Bookmark Creek | • Katarapko Creek | • Katarapko Island Creek |
| • Gerard Wetland | • Old Loxton Road Wetland | • Morgan Conservation Park Wetland |
| • Morgan East Wetland | • Sugar Shack Wetland | • Coorong, Lower Lakes and Murray Mouth site |

Water not diverted through use of the Adelaide Desalination Plant supported outcomes in the Coorong, Lower Lakes and Murray Mouth.