



**Australian Government**



# **Groundwater Sustainable Diversion Limit Resource Unit Summary Report Cards**

Australian Capital Territory

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Postal Address GPO Box 1801, Canberra ACT 2601  
Office location Level 4, 51 Allara Street, Canberra City  
Australian Capital Territory  
For further information contact the Murray-Darling Basin Authority office  
Telephone (02) 6279 0100 international + 61 2 6279 0100  
Facsimile (02) 6248 8053 international + 61 2 6248 8053  
E-Mail [info@mdba.gov.au](mailto:info@mdba.gov.au)  
Internet <http://www.mdba.gov.au>

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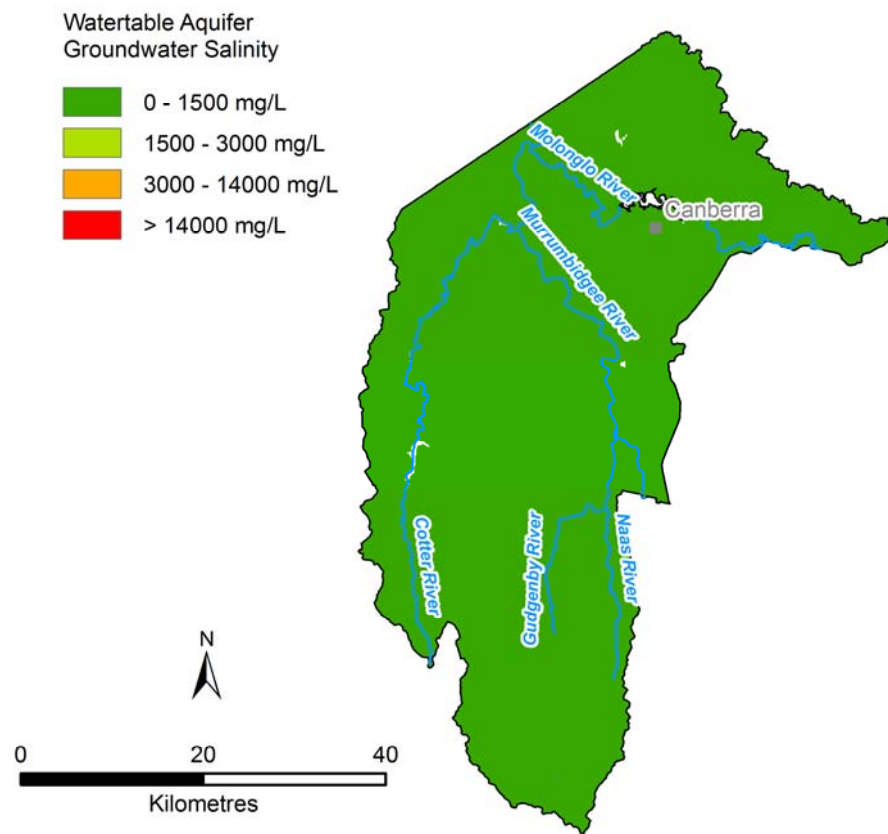
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## Australian Capital Territory (Groundwater) (GS56)



SDL Resource Unit	Australian Capital Territory (groundwater)
Water Resource Plan Area	Australian Capital Territory (groundwater)
GMU(s) Covered	ACT
Recharge (GL/y) (RRAM Step 1)*	150.38 GL/y
Recharge Input	WAVES recharge modelling
PEL	7.52 GL/y
BDL (GL/y)	1.70 GL/y
SDL (GL/y)**	7.25 GL/y
Licensed Entitlement (GL/y)***	1.70 GL/y
Metered Groundwater Use (GL/y)	No metered use
Estimated Stock and Domestic use (GL/y)	0 GL/y
Entitlement plus Stock and Domestic (GL/y)	1.70 GL/y

### Summary Information

\*Gross groundwater recharge includes rainfall recharge only (i.e. does not include river and flood recharge or inflows from other aquifers), and does not account for water that is discharged from the system via baseflow to streams, outflow to other aquifer and/or evapotranspiration

\*\*SDL set at the ACT plan limit as it is less than the SDL proposed through the MDBA risk assessment framework (existing planning arrangements)

\*\*\*Licensed entitlement provided by the ACT government

The groundwater salinity distribution was derived from the Basin in a Box dataset (MDBC, 2000)

RRAM Step 2: Risks to KEA, KEF or PB	Environmental Assets		Ecosystem Function		Productive Base
Risk Ranking	Low	OR	High	OR	High
Sustainability Factor	0.70		0.10		0.10

RRAM Step 3: Risk to KEO	Salinity Class		
	Class 1	Class 2	Class 3&4
Risk (Y/N)	No	No	No
% Area	100%	0%	0%
Sustainability Factor	0.80	N/A	N/A

RRAM Step 4: Uncertainty	Degree of Uncertainty
Risk to ESLT	High
Uncertainty Level	High
Sustainability Factor	0.50

	Salinity Class 1	Salinity Class 2	Salinity Class 3	Salinity Class 4	Total
Recharge (GL/y)*	150.38	0.0	0.0	0.0	150.38
Sustainability Factor	0.05	0.05	0.05	0.05	N/A
Preliminary Extraction Limit (GL/y)	7.52	0.0	0.0	0.0	7.52

\*Recharge per Salinity Class was derived using salinity datasets of high uncertainty and should be used as a guide only