

Australian Capital Territory

# Water Resources (Water Available from Areas) Determination 2019

Disallowable instrument DI2019—39

made under the

Water Resources Act 2007, s 17 (Amounts of water available from areas)

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## 1 Name of instrument

This instrument is the *Water Resources (Water Available from Areas) Determination 2019*.

## 2 Commencement

This instrument commences on the day after its notification day.

## 3 Determination of amounts of water available from areas

I determine the total amount of surface water and ground water available for taking from the ACT water management areas in schedule 1.

## 4 Revocation

This instrument revokes the *Water Resources (Water available from areas) Determination 2007 (No 1)* (DI2007-191).

Shane Rattenbury MLA  
A/g Minister for the Environment and Heritage  
8 April 2019

# **Schedule 1    Water available for taking from whole of ACT water management area (ACT Water Resource Plan Area)**

(see cl 3)

## **Total amount of surface water available for taking from ACT Water Resource Plan (Surface Water) water management area**

Maximum surface water available for taking (GL per annum) from ACT Water Resource Plan (Surface water) water management area - The ACT's overall total surface water available for taking is limited and shall be managed such as to not exceed the ACT's surface water Sustainable Diversion Limit, as detailed in the ACT Water Resource Plan, under the Murray-Darling Basin Plan:

42.7 GL per annum (net take from water courses), plus  
11 GL per annum (take by Commercial Plantations), plus  
4.2 GL per annum (take by Runoff Dams), plus  
Net interstate trade volume (trade into ACT minus trade out of ACT).

Note 1. The net take from water courses is calculated based on the gross take from water courses less return flows which include discharges to waterways from sewage treatment plants (the Lower Molonglo Water Quality Control Centre and the Queanbeyan Sewage Treatment Plant). Under the ACT Water Resource Plan it is proposed that increased flows (stormwater runoff) as a result of increased urbanisation (increased impervious areas) since July 2009 are also included as a return flow for calculating net take.

Note 2. In addition to these total amounts of surface water available for taking from the ACT water resource plan area, the maximum amount of water available for taking from individual sub water management areas is limited and shall be managed such as to not exceed the volumes listed in Table 1.

Note 3. The ACT is also required to provide a shared reduction amount (4.9 GL per annum), which was provided through water trade to the Commonwealth Government in 2013/14.

## **Total amount of groundwater available for taking from ACT Water Resource Plan (Groundwater) water management area**

Maximum groundwater available for taking (GL per annum) from ACT Water Resource Plan (Groundwater) water management area - The ACT's overall total groundwater available for taking is limited and shall be managed such as to not exceed the ACT's groundwater Sustainable Diversion Limit, as detailed in the ACT Water Resource Plan, under the Murray-Darling Basin Plan, of 3.16 GL per annum.

Note 4. In addition to these total amounts of groundwater available for taking from the ACT water resource plan area, the maximum amount of water available for taking from individual sub water management areas is limited and shall be managed such as to not exceed the volumes listed in Table 1.

**Table 1: Water available for taking from each sub water management area**

<b>Sub Water Management Area</b>	<b>Total ACT controlled surface water plus ground water (ML/yr)</b>	<b>ACT environmental allocation (ML/yr)</b>	<b>Maximum surface water available for taking (ML/yr)</b>	<b>Maximum ground water available for taking (ML/yr)</b>
Central Molonglo	29,747	23,319	5,743	685
Cotter	106,565	22,849	81,666	2,050
Ginninderra	21,488	19,188	2,061	239
Googong	63,215	8,030	55,185	0
Gudgenby	33,522	29,350	3,002	1,170
Jerrabomberra	0	0	0	0
Lower Molonglo	46,124	13,886	31,941	297
Lower Murrumbidgee	11,497	10,239	1,069	189
Lower Queanbeyan	0	0	0	0
Naas	16,476	14,149	1,472	855
Paddys	34,583	30,621	3,053	909
Tuggeranong	8,507	7,492	825	190
Upper Molonglo	2,403	2,139	240	24
Upper Murrumbidgee	19,833	17,418	1,775	640
<b>Overall total</b>	<b>393,960</b>	<b>198,680</b>	<b>188,032</b>	<b>7,248</b>

Note 4: Total ACT controlled water and environmental allocations were derived from the ACT Source Model (Alluvium 2018) and based on the current Environmental Flow Guidelines. 1 GL equals 1000 ML