

Special Meeting of Council - 6 February 2023 Attachments

9.1.1 RECYCLED WATER DEMAND MANAGEMENT.....2

9.1.1.1 ATTACHMENT 1.....2

9.1.1.2 ATTACHMENT 2.....3

Attachment 1

Volumetric Restrictions Methodology

- 1 Dam Levels assessment – to be assessed on the first day of every month
 - a. Determine the current dam levels in terms of total volume of stored water. If the stored volumes are less than 310ML, the current level of restrictions remain in place.
 - b. If the stored volumes are greater than 310ML, proceed to Step 2.
- 2 12 Month Moving Average Rainfall assessment:

Determine the historic 12 month moving average rainfall measured from the date of assessment. Taking the assessed 12 month moving average figure determined, read off the column headed “Annual Rainfall” in the table below, to determine the level of restrictions which are to be applied.
- 3 Send out notices to affected users if any change to current restrictions.
- 4 Apply revised restrictions on day 7 of the month

Level	Allocation	Annual Rainfall
0	100%	>264mm
1	90%	264 - 242
2	80%	241 - 219
3	70%	218 - 196
4	60%	195 - 173
5	50%	172 - 150
6	40%	149 - 137
7	30%	136 - 114
8	20%	113 - 91
9	10%	90 - 68
10	0%	<68mm

Attachment 2

Application Rate Assessment Methodology

- 1 Dam Levels assessment – to be assessed on the first day of every month:
 - a. Determine the current dam levels in terms of total volume of stored water. If the stored volumes are less than 310ML, the current level of restrictions remain in place.
 - b. If the stored volumes are greater than 310ML, proceed to Step 2.
- 2 12 Month Moving Average Rainfall assessment:

Determine the historic 12 month moving average rainfall measured from the date of assessment. Taking the assessed 12 month moving average figure determined, read off the column headed “Annual Rainfall” in the table below, to determine the level of restrictions which are to be applied.
- 3 Send out notices to affected users if any change to current restrictions.
- 4 Apply revised restrictions on day 7 of the month.

Allocation %	Annual Rainfall >264mm	KL/m ² /pa
0	>264mm	0.75
10	264 - 242	0.68
20	241 - 219	0.60
30	218 - 196	0.53
40	195 - 173	0.45
50	172 - 150	0.38
60	149 - 137	0.30
70	136 - 114	0.23
80	113 - 91	0.15
90	90 - 68	0.08
100	<68mm	0.00