

Form DST-02: Quarterly Review

WATER YEAR: 1 July 2021 to 30 June 2022

REVIEW DATE: 21/4/22

FORECAST AND ACTUAL WATER DEMAND:

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Forecast, ML	1044	1446	1763	1228
Actual, ML	1077	1131	1212	

REVIEW: Storage tracking (see graph) Below predicted

POAMA forecast (circle) DRY NEUTRAL WET

BOM three-month rainfall outlook (chance of exceeding)

3-month rainfall	10mm	25mm	50mm	100mm	150mm	200mm	250mm	300mm	400mm
Chance of exceeding	100%	100%	90%	90%	75%	75%	50%	25%	<10%

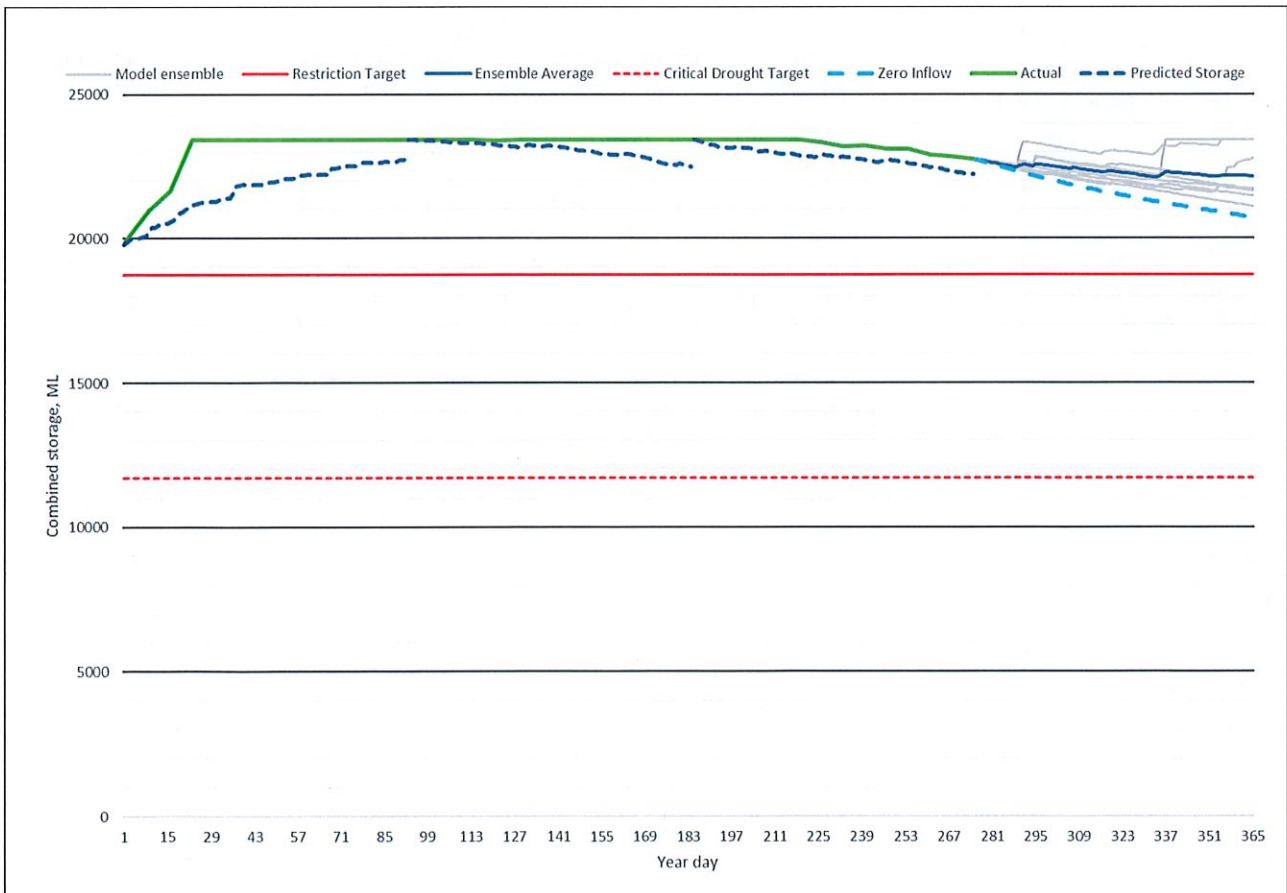


Figure 1: Modelled and actual storage behaviour

ANY OPERATIONAL CONSIDERATIONS?

Macquarie Pumps have been installed and will be re-commissioned when licence conditions are met (i.e when combined storage less than 90% and river flow rate above 38 ML/day)

Showground bore supplies STP raw water use.

ANY ACTIONS FROM ANNUAL REPORT?

DO THE RULES NEED TO BE MODIFIED (circle)? YES **NO**
(if yes, please document below)

Macquarie River margin of error to apply to flow trigger: 0%

Is water assignment from Macquarie River still required? YES **NO**
If no, date DPI Water advised _____

REVISED OPERATING RULES BASED ON QUARTERLY REVIEW:

Source	Required?		Operating Rules						
	Yes	No	SPD Trigger	Annual Transfer ML/year	Weekday Pump Hours		Weekend Pump Hours		
Showground Bores	✓		SPD Trigger	Annual Transfer ML/year	Weekday Pump Hours		Weekend Pump Hours		
			100%	280	12		12		
Clifton Grove Bores	NA	NA	SPD Trigger	Annual Transfer ML/year	Weekday Pump Hours		Weekend Pump Hours		
			100%	182	Not available		Not available		
Stormwater Harvesting (no. of operating pumps at each pump station shown)	✓		SPD Trigger	PS1	PS2	PS3	PS4	PS5	PS6
			100%	24/7	24/7	24/7	24/7	24/7	24/7
Macquarie River	NA	NA	SPD Trigger	River Flow Trigger, ML/day	No. of pumps	Weekday Pump Hours	Weekend Pump Hours		
			90%	108	Not available	Not available	Not available		

APPROVAL:

Prepared by:

Water and Sewerage Strategic Manager: Wayne Beatty	Signature: <i>W. Beatty</i>	Date: 22/4/22
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Reviewed and authorised by:

Director Technical Services: Ian Greenham	Signature: <i>I. Greenham</i>	Date: 22/4/22
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