



Maintenance Strategy – 2022 Winter Works

Each year, the Winter Operations Mode follows a rolling three-year [Maintenance Strategy](#) that provides customers access to water delivery over winter for two out of every three years and greater efficiencies in our maintenance activity. The maintenance strategy identifies and prioritises the work to be undertaken over winter.

Winter Works

This year's works continue our ongoing preventative maintenance program and weed strategy along with critical civil asset upgrades. The works include:

- Concrete remedial works on 191 regulator or offtake structures
- Civil and mechanical repairs and upgrades at 25 sites
- De-silting approximately 180km of channels
- Erosion control on approximately 170 structures.

Asset maintenance

Our annual maintenance program covers both mechanical and civil assets in the third of the footprint drained each year.

Mechanical asset maintenance involves servicing, maintenance, and component replacements on mechanical assets to prolong their life. Civil asset maintenance focusses on repairs and remedial work on our offtake and regulator structures, as well as applying a coating to protect the concrete and extend its life.

Other scheduled activities for assets involve batter protection to stop erosion around 170 regulator and offtake structures.

Inspections & Preventative maintenance

Each year, inspections form a key part of the preventative maintenance program. When channels are drained, assets can be inspected to determine their condition and plan required maintenance work for the next

time the channel is drained. Changes can be made if an asset has deteriorated and needs urgent repair.

Channel Maintenance & Weed Strategy

Works to ensure ongoing reliability and efficiency of our channels include rebuilding banks which are badly eroded or have inadequate freeboard and removing weed from channels. Around 300km of channel is planned to be de-silted and de-weeded over the winter period.

Our data shows weeds are four times less likely to cause restrictions if de-silting occurs when channels are drained. The weed strategy balances the challenge of minimizing delivery constraints while achieving cost efficiencies.

In Season Works

Critical maintenance works that need to be completed despite not being in a planned maintenance zone. Includes works such as erosion control and offtake or regulator repairs.

Contractors

More than 27 contracting companies (mainly local) will complete works ranging from block banking and pumping to batter protection, bank building, asset upgrades, de-silting and slip meter cleaning alongside our own technicians.

Invoices - Reminder QTR 3 Invoices are due 30 May



Winter Works 2022

	Planned
Asset Maintenance civil remediation, servicing & replacement of gearboxes & sensors	598
Inspections structure inspections while the channels are empty	570
Channel Maintenance bank building, de-silting for weed removal and batter protection	approx. 180km
In Season Works critical maintenance work required in non-maintenance zone areas	65

Winter water delivery - Water supply (non-guaranteed) is available in 2022 non-maintenance operational areas. Check your Area via the "My Outlets" tab on your [Customer Portal](#).

Announced allocation

Class C General Security.....	110%
Allocation Advance.....	8%
Water resource distribution	6%

Water availability and deliveries* (24/05/2022)

Supplementary Licence.....	121,704 units
Supplementary Diversions.....	121,704 ML
Supplementary Deliveries.....	94,726 ML
YTD deliveries.....	827,079 ML
Customers.....	715,103 ML
DPIE Deliveries	91,050 ML
WaterNSW Deliveries.....	20,926 ML
Weekly Deliveries.....	2,520 ML
Weekly crop usage.....(Storage)	81%
Customer account balance.....	418,734 ML
WE in customer accounts.....	806,795 WE
Vol. % remaining.....	51.9%

*Provisional data

Channel flows today*

Wakool Offtake.....	0 ML
Mulwala Offtake.....	0 ML
Billabong Escape.....	3 ML
Edward River Escape.....	0 ML
Perricoota Escape.....	0 ML
Wakool River Escape	13 ML

*Includes DPIE Deliveries

Water trade data

Net trade week.....	-182 ML
Net trade YTD.....	33,503 ML

Water exchange data

(23/05/2022)	
Internal listings (No. & ML)....	24; 3,516 ML
External listings (No. & ML).....	0; 0 ML
Int. purchasers (No. & ML)....	48; 7,274 ML
Ext purchasers (No. & ML).....	7; 1,000 ML

Water for sale @ 23/05/22.....	15,171 ML
Weighted average sale price.....	\$3.00
Price range @ 24/05/22.....	\$3.80 - \$200
Buy offer range @ 24/05/22.....	\$2.10 - \$1

Storages*

mdba.gov.au	
Dartmouth	3,612 GL ↑..... 94 % ↑
Hume	2,711 GL ↑..... 91 % ↑
Lake Victoria.....	329 GL ↓..... 49 % ↓
Menindee Lakes.....	1,963 GL - 100 % -
Total Storage.....	8,637 GL ↑ 93 % ↑

Rivers*

Murray @ Doctors Point	8,260 ML/d
Murray d/s Yarra. Weir	10,911 ML/d
Goulburn @ McCoy Bridge.....	1,057 ML/d
M'Bidgee d/s Balranald.....	7,983 ML/d
Darling @ Burtundy.....	12,921 ML/d
Flow to SA.....	25,688 ML/d
Murray to the sea	87 gates open

*This information is provided for general reference purposes only. We take best endeavours to ensure accuracy. This data was correct as at 1pm, Tuesday, 24 May 2022

Resource links

- [MDBA weekly report](#)
- [NSW Water allocation statements](#)
- [Rainfall and evaporation](#)
- [Barmah Choke trade balance](#)