



**Murray Irrigation**

**Murray Irrigation**  
443 Charlotte St  
PO Box 528  
Deniliquin NSW 2710

**Environment Protection Licence Number: 5014**  
(<http://www.environment.nsw.gov.au/licensing/index.htm>)

**Monitoring period:** December 2025

**Date Data obtained:** 07-Jan-26

**Date Data published:** 12-Jan-26

**Mean monthly flow (all sites)**

"Special Frequency 1" means the collection of samples when the mean monthly flow being discharged into the stormwater/drainage system(s) exceeds 5ML/day

Discharge (Megalitres per day)							
	Site	Name	Min	Mean	Median	Max	Total
1	DRWK	Wakool SEC (DC 1000)	no flows				
2	DBCE	Deniboota Canal Escape	mean flow <5ML/day				
3	MOXM	Box Creek	no flows				
4	BIFE	Finley Escape*	operational flows				
5	DENI	North Deniliquin SEC	no flows				
6	BIOW	Wollamai SEC	no flows				
7	BIWE	Wollamai East SEC	mean flow <5ML/day				
8	BBR1	Back Barooga SEC	no flows				
9	BIBE	Berrigan Creek Escape	no flows				
10	TUPJ	Lalalty SEC	no flows				
11	TCPL	Pinelea SEC	no flows				
12	NMBR	Burragorrimma SEC	no flows				
13	TCND	Neimur SEC	mean flow <5ML/day				
14	JIJS	DC 2500 East	no flows				
15	JIBU	Burraboi SEC	mean flow <5ML/day				
16	WRMT	Murphy's Timber SEC	no flows				
17	TCWW	West Warragoon SEC	no flows				
18	TCW2	Warragoon Stage 2	no flows				

*This data has not been verified. Murray Irrigation makes no representation, express or implied, as to the accuracy, completeness, or fitness for any particular purpose of this data, and this data should not be relied upon in any way. Verified data will be available at the end of the reporting period.*

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**Electrical conductivity monitoring:** continuous using electronic sensor and logger

Electrical Conductivity (microsiemens per centimetre = $\mu\text{S}/\text{cm}$ )						
	Site	Name	Min	Mean	Median	Max
1	DRWK	Wakool SEC (DC 1000)		not required		
2	DBCE	Deniboota Canal Escape		not required		
3	MOXM	Box Creek		not required		
4	BIFE	Finley Escape*		not required		
5	DENI	North Deniliquin SEC		not required		
6	BIOW	Wollamai SEC		not required		
7	BIWE	Wollamai East SEC		not required		
8	BBR1	Back Barooga SEC		not required		
9	BIBE	Berrigan Creek Escape		not required		
10	TUPJ	Lalalty SEC		not required		
11	TCPL	Pinelea SEC		not required		
12	NMBR	Burragorrimma SEC		not required		
13	TCND	Neimur SEC		not required		
14	JIJS	DC2500 East		not required		
15	JIBU	Burraboi SEC		not required		
16	WRMT	Murphy's Timber SEC		not required		
17	TCWW	West Warragoon SEC		not required		
18	TCW2	Warragoon Stage 2		not required		

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\*: Finley Escape is an accredited escape with the Water NSW

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**Turbidity (all points)**

"Special Frequency 1" means the collection of samples when the mean monthly flow being discharged into the stormwater/drainage system(s) exceeds 5ML/day

<b>Turbidity (nephelometric turbidity units = NTU)</b>					
	<b>Site</b>	<b>Name</b>	<b>Sample date</b>	<b>Date data obtained</b>	<b>Turbidity</b>
1	DRWK	Wakool SEC (DC 1000)		not required	
2	DBCE	Deniboota Canal Escape		not required	
3	MOXM	Box Creek		not required	
4	BIFE	Finley Escape		not required	
5	DENI	North Deniliquin SEC		not required	
6	BIOW	Wollamai SEC		not required	
7	BIWE	Wollamai East SEC		not required	
8	BBR1	Back Barooga SEC		not required	
9	BIBE	Berrigan Creek Escape		not required	
10	TUPJ	Lalalty SEC		not required	
11	TCPL	Pinelea SEC		not required	
12	NMBR	Burragorrimma SEC		not required	
13	TCND	Neimur SEC		not required	
14	JIJS	DC2500 East		not required	
15	JIBU	Burraboi SEC		not required	
16	WRMT	Murphy's Timber SEC		not required	
17	TCWW	West Warragoon SEC		not required	
18	TCW2	Warragoon Stage 2		not required	

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**Total Nitrogen and Total Phosphorus monitoring (all points)**

"Special Frequency 1" means the collection of samples when the mean monthly flow being discharged into the stormwater/drainage system(s) exceeds 5ML/day

Total Nitrogen and Total Phosphorus (milligrams per litre = mg/L)						
	Site	Name	Sample date	Date data obtained	Total Phosphorus	Total Nitrogen
1	DRWK	Wakool SEC (DC 1000)		not required		
2	DBCE	Deniboota Canal Escape		not required		
3	MOXM	Box Creek		not required		
4	BIFE	Finley Escape		not required		
5	DENI	North Deniliquin SEC		not required		
6	BIOW	Wollamai SEC		not required		
7	BIWE	Wollamai East SEC		not required		
8	BBR1	Back Barooga SEC		not required		
9	BIBE	Berrigan Creek Escape		not required		
10	TUPJ	Lalalty SEC		not required		
11	TCPL	Pinelea SEC		not required		
12	NMBR	Burragorrimma SEC		not required		
13	TCND	Neimur SEC		not required		
14	JIJS	DC2500 East		not required		
15	JIBU	Burraboi SEC		not required		
16	WRMT	Murphy's Timber SEC		not required		
17	TCWW	West Warragoon SEC		not required		
18	TCW2	Warragoon Stage 2		not required		

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**Monitoring period:** monitoring required Oct - Nov

**Date Data published:** 12-Jan-26

**Pesticide monitoring: molinate (all points)**

"Special Frequency 2" means the collection of samples during the months of October and November as soon as reasonable practicable during discharge of flows exceeding 5ML/day, and at a minimum once per every 7 consecutive days of flows exceeding this limit

<b>Molinate (micrograms per litre = µg/L)</b>					
	<b>Site</b>	<b>Name</b>	<b>Sample date</b>	<b>Date data obtained</b>	<b>Molinate</b>
1	DRWK	Wakool SEC (DC 1000)	not required		
2	DBCE	Deniboota Canal Escape	not required		
3	MOXM	Box Creek	not required		
4	BIFE	Finley Escape	not required		
5	DENI	North Deniliquin SEC	not required		
5	DENI	North Deniliquin SEC	not required		
6	BIOW	Wollamai SEC	not required		
7	BIWE	Wollamai East SEC	not required		
8	BBR1	Back Barooga SEC	not required		
9	BIBE	Berrigan Creek Escape	not required		
10	TUPJ	Lalalty SEC	not required		
11	TCPL	Pinelea SEC	not required		
12	NMBR	Burragorrimma SEC	not required		
13	TCND	Neimur SEC	not required		
14	JIJS	DC2500 East	not required		
15	JIBU	Burraboi SEC	not required		
16	WRMT	Murphy's Timber SEC	not required		
17	TCWW	West Warragoon SEC	not required		
18	TCW2	Warragoon Stage 2	not required		

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**Monitoring period:** monitoring required Oct - Nov

**Date Data published:** 12-Jan-26

**Pesticide monitoring: thiobencarb (all points)**

"Special Frequency 2" means the collection of samples during the months of October and November as soon as reasonable practicable during discharge of flows exceeding 5ML/day, and at a minimum once per every 7 consecutive days of flows exceeding this limit

Thiobencarb (micrograms per litre = $\mu\text{g/L}$ )					
	Site	Name	Sample date	Date data obtained	Thiobencarb
1	DRWK	Wakool SEC (DC 1000)		not required	
2	DBCE	Deniboota Canal Escape		not required	
3	MOXM	Box Creek		not required	
4	BIFE	Finley Escape		not required	
5	DENI	North Deniliquin SEC		not required	
5	DENI	North Deniliquin SEC		not required	
6	BIOW	Wollamai SEC		not required	
7	BIWE	Wollamai East SEC		not required	
8	BBR1	Back Barooga SEC		not required	
9	BIBE	Berrigan Creek Escape		not required	
10	TUPJ	Lalalty SEC		not required	
11	TCPL	Pinelea SEC		not required	
12	NMBR	Burragorrimma SEC		not required	
13	TCND	Neimur SEC		not required	
14	JIJS	DC2500 East		not required	
15	JIBU	Burraboi SEC		not required	
16	WRMT	Murphy's Timber SEC		not required	
17	TCWW	West Warragoon SEC		not required	
18	TCW2	Warragoon Stage 2		not required	

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**Monitoring period:** monitoring required Oct - Dec

**Date Data published:** 12-Jan-26

**Pesticide monitoring: atrazine (Points 3,4,5,6,7,8,9,10,11,17,18)**

"Special Frequency 3" means the collection of samples during the months of October, November and December as soon as reasonably practicable during discharge of flows exceeding 5ML/day, and at a minimum once per every 7 consecutive days of flows exceeding this limit.

Atrazine (micrograms per litre = $\mu\text{g}/\text{L}$ )					
	Site	Name	Sample date	Date data obtained	Atrazine
3	MOXM	Box Creek		not required	
4	BIFE	Finley Escape		not required	
5	DENI	North Deniliquin SEC		not required	
5	DENI	North Deniliquin SEC		not required	
6	BIOW	Wollamai SEC		not required	
7	BIWE	Wollamai East SEC		not required	
8	BBR1	Back Barooga SEC		not required	
9	BIBE	Berrigan Creek Escape		not required	
10	TUPJ	Lalalty SEC		not required	
11	TCPL	Pinelea SEC		not required	
17	TCWW	West Warragoon SEC		not required	
18	TCW2	Warragoon Stage 2		not required	