



## A. Statement of Compliance - Licence Details

**ALL Licence holders must check that the Licence details in Section A are correct.**

If there are changes to any of these details, **you must advise Environment Protection Authority (EPA) and apply as soon as possible for a variation to your Licence or for a Licence transfer.**

Licence variation and transfer application forms are available on the EPA website at: <http://www.epa.nsw.gov.au/licensing-and-regulation/licensing> or from regional offices of the EPA, or by contacting by telephone 02 9995 5700.

If you are applying to vary or transfer your Licence, you must still complete and submit this Annual Return.

### A1. Licence holder

**Licence number** : 4659  
**Licence holder** : WESTERN MURRAY IRRIGATION LIMITED  
**Trading name (if applicable)** : WESTERN MURRAY IRRIGATION LIMITED  
**ABN** : 93 067 197 853  
**ACN** :  
**Reporting period** : From: 1-7-2022 To: 30-6-2023

### A2. Premises to which Licence Applies (if applicable)

**Common name (if any)** : WESTERN MURRAY IRRIGATION  
**Premises** : INCORPORATING THE BURONGA, COOMEALLA AND CURLWAA IRRIGATION AREAS DARETON 2717 NSW

### A3. Activities to which Licence Applies

Irrigated agriculture

### A4. Other Activities (if applicable)

### A5. Fee-Based Activity Classifications

**Note** that the fee based activity classification is used to calculate the administrative fee.

Fee-based activity	Activity scale	Unit of measure
Irrigated agriculture	> 0.00 - 10,000.00	ha of the total existing area of operations

## A6. Assessable Pollutants (if applicable)

**Note** that the identification of assessable pollutants is used to calculate the **load-based fee**. The following assessable pollutants are identified for the fee-based activity classifications in the licence:

## B. Monitoring and Complaints Summary

### B1. Number of Pollution Complaints

Pollution Complaint Category	Complaints
Air	0
Water	0
Noise	0
Waste	0
Other	0
<b>Total complaints recorded by the licensee during the reporting period</b>	<b>0</b>

### B2. Concentration Monitoring Summary

For each concentration monitoring point identified in your licence, details are displayed below. If concentration monitoring is not required by your licence, **no data** will appear below.

If data was provided from an uploaded file, the file name will be displayed below instead of any data.

**Note** that this does not exclude the need to conduct appropriate concentration monitoring of assessable pollutants as required by load-based licensing (if applicable).

#### Discharge & Monitoring Point 2

**Discharge to water. Effluent quality and volume monitoring., Old Jetty. Open drain at Murray River jetty at the rear of WMI depot at Pumps Road - Mildura 7329-N 1:50 000 map 596125 E - 6225325 N**

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Chlorpyrifos	micrograms per litre	0	0	0	0	0
Conductivity	microsiemens per centimetre	1	1	1800	1800	1800
Copper	micrograms per litre	1	1	15	15	15
Diuron	micrograms per litre	1	1	0.01	0.01	0.01
Glyphosate	micrograms per litre	1	1	0.01	0.01	0.01
Nitrogen (total)	milligrams per litre	1	1	48	48	48



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Phosphorus (total)	milligrams per litre	1	1	0.06	0.06	0.06
Simazine	micrograms per litre	1	1	2	2	2
Turbidity	nephelometric turbidity units	1	1	72	72	72
Zinc	micrograms per litre	1	1	54	54	54

### Discharge & Monitoring Point 3

Discharge to water. Effluent quality and volume monitoring., Risbys outfall. Drain pipe to Murray River floodplain at Risbeys Outfall, opposite Farm 126 Silver City Highway - Mildura 7329-N 1:50 000 map 594080 E - 6226900 N

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Chlorpyrifos	micrograms per litre	0	0	0	0	0
Conductivity	microsiemens per centimetre	0	0	0	0	0
Copper	micrograms per litre	0	0	0	0	0
Diuron	micrograms per litre	0	0	0	0	0
Glyphosate	micrograms per litre	0	0	0	0	0
Nitrogen (total)	milligrams per litre	0	0	0	0	0
Phosphorus (total)	milligrams per litre	0	0	0	0	0
Simazine	micrograms per litre	0	0	0	0	0
Turbidity	nephelometric turbidity units	0	0	0	0	0
Zinc	micrograms per litre	0	0	0	0	0

### Discharge & Monitoring Point 5

Discharge to water. Effluent quality and volume monitoring., Waters Combined. Open drain to Murray River at the rear of Farm 104 - Mildura 7329-N 1:50 000 map 595825 E - 6226100 N



Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Chlorpyrifos	micrograms per litre	0	0	0	0	0
Conductivity	microsiemens per centimetre	0	0	0	0	0
Copper	micrograms per litre	0	0	0	0	0
Diuron	micrograms per litre	0	0	0	0	0
Glyphosate	micrograms per litre	0	0	0	0	0
Nitrogen (total)	milligrams per litre	0	0	0	0	0
Phosphorus (total)	milligrams per litre	0	0	0	0	0
Simazine	micrograms per litre	0	0	0	0	0
Turbidity	nephelometric turbidity units	0	0	0	0	0
Zinc	micrograms per litre	0	0	0	0	0

## Discharge & Monitoring Point 12

Discharge to water. Effluent quality and volume monitoring., Risbey's Pump Station Mildura 7329-N 1:50000 map 595649 E - 6231974 N. Monitor only on discharge to Tuckers Creek

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Chlorpyrifos	micrograms per litre	0	0	0	0	0
Conductivity	microsiemens per centimetre	0	0	0	0	0
Copper	micrograms per litre	0	0	0	0	0
Diuron	micrograms per litre	0	0	0	0	0
Glyphosate	micrograms per litre	0	0	0	0	0
Nitrogen (total)	milligrams per litre	0	0	0	0	0
Phosphorus (total)	milligrams per litre	0	0	0	0	0



Simazine	micrograms per litre	0	0	0	0	0
Turbidity	nephelometric turbidity units	0	0	0	0	0
Zinc	micrograms per litre	0	0	0	0	0

### Discharge & Monitoring Point 13

Discharge to water. Effluent quality and volume monitoring., James Highway at Delta Road Wentworth. Risbey's Pump Station Mildura 7329-N 1:50000 map 586760 E - 6225910 N. Monitor only on discharge to Tuckers Creek

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Chlorpyrifos	micrograms per litre	0	0	0	0	0
Conductivity	microsiemens per centimetre	0	0	0	0	0
Copper	micrograms per litre	0	0	0	0	0
Diuron	micrograms per litre	0	0	0	0	0
Glyphosate	micrograms per litre	0	0	0	0	0
Nitrogen (total)	milligrams per litre	0	0	0	0	0
Phosphorus (total)	milligrams per litre	0	0	0	0	0
Simazine	micrograms per litre	0	0	0	0	0
Turbidity	nephelometric turbidity units	0	0	0	0	0
Zinc	micrograms per litre	0	0	0	0	0

### Discharge & Monitoring Point 14

Coomealla Sandbar, River Road, Coomealla 7329-N 1:50000 map 596850 E - 6223400 N

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Chlorpyrifos	micrograms per litre	0	0	0	0	0



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Conductivity	microsiemens per centimetre	1	2	1800	2550	3300
Copper	micrograms per litre	1	2	3	7	11
Diuron	micrograms per litre	1	2	0.01	0.01	0.01
Glyphosate	micrograms per litre	1	2	0.01	0.01	0.01
Nitrogen (total)	milligrams per litre	1	2	22	86	150
Phosphorus (total)	milligrams per litre	1	2	0.05	0.065	0.08
Simazine	micrograms per litre	1	2	2	2	2
Turbidity	nephelometric turbidity units	1	2	0.10	15.55	31
Zinc	micrograms per litre	1	2	73	156.5	240

## B2 Concentration Monitoring Comments

Only sites 2 and 14 reach criteria for sampling; Site 14 is monitored from 2 measurement sites, both in January.

## B3. Volume or Mass Monitoring Summary

For each volume or mass monitoring point identified in your licence, details are displayed below. If volume or mass monitoring is not required by your licence, **no data** will appear below.

If data was provided from an uploaded file, the file name will be displayed below instead of any data.

**Note** that this does not exclude the need to conduct appropriate volume or mass monitoring of assessable pollutants are required by load-based licensing (if applicable).

### Discharge & Monitoring Point 2

**Discharge to water. Effluent quality and volume monitoring., Old Jetty. Open drain at Murray River jetty at the rear of WMI depot at Pumps Road - Mildura 7329-N 1:50 000 map 596125 E - 6225325 N**

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	Highest result
kilolitres per day	Weekly during any discharge	52	0.0	81.3	432

### Discharge & Monitoring Point 3

**Discharge to water. Effluent quality and volume monitoring., Risbys outfall. Drain pipe to Murray River floodplain at Risbys Outfall, opposite Farm 126 Silver City Highway - Mildura 7329-N 1:50 000 map 594080 E - 6226900 N**



Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	Highest result
kilolitres per day	Weekly during any discharge	52	0	0	0

### Discharge & Monitoring Point 5

Discharge to water. Effluent quality and volume monitoring., Waters Combined. Open drain to Murray River at the rear of Farm 104 - Mildura 7329-N 1:50 000 map 595825 E - 6226100 N

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	Highest result
kilolitres per day	Weekly during any discharge	52	0	0.7	34.56

### Discharge & Monitoring Point 12

Discharge to water. Effluent quality and volume monitoring., Risbey's Pump Station Mildura 7329-N 1:50000 map 595649 E - 6231974 N. Monitor only on discharge to Tuckers Creek

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	Highest result
kilolitres per day	Weekly during any discharge	52	0	12.47	611

### Discharge & Monitoring Point 13

Discharge to water. Effluent quality and volume monitoring., James Highway at Delta Road Wentworth. Risbey's Pump Station Mildura 7329-N 1:50000 map 586760 E - 6225910 N. Monitor only on discharge to Tuckers Creek

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	Highest result
kilolitres per day	Weekly during any discharge	52	0	54.25	4600

### Discharge & Monitoring Point 14

Coomealla Sandbar, River Road, Coomealla 7329-N 1:50000 map 596850 E - 6223400 N

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	Highest result
kilolitres per day	Weekly during any discharge	52	0	22.32	144



### B3 Mass Monitoring Comments

River was in major flood from Oct22 - Mar23, most drainage basins/flood plains were inundated, estimates made for inaccessible outfalls during this time.

## C. Statement of Compliance - Licence Conditions

### C1. Compliance with Licence Conditions

Were all conditions of the licence complied with (including monitoring and reporting requirements)?	Yes
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## D. Statement of Compliance - Load Based Fee Calculation

If you are not required to monitor assessable pollutants by your licence, **no data** will appear below.

If assessable pollutants have been identified on your licence, the following worksheets for each assessable pollutant will determine your load based fee for the licence fee period to which this Annual Return relates.

**Loads of assessable pollutants must be calculated using any of the methods provided in EPA's Load Calculation Protocol for the relevant activity.** A Load Calculation Protocol would have been already sent to you with your licence. If you require additional copies, you can download the Protocol from the EPA's website or you can contact us on telephone 02 9995 5700.

You are required to keep all records used to calculate licence fees for four years after the licence fee was paid or became payable, whichever is the later date.

## E. Statement of Compliance - Requirement to Prepare PIRMP

Have you prepared a Pollution Incident Response Management Plan (PIRMP) as required under section 153A of the Protection of the Environment Operations (POEO) Act 1997?	Yes
Is the PIRMP available at the premises?	Yes
Is the PIRMP available in a prominent position on a publicly accessible website?	Yes
Address of the web page where the PIRMP can be accessed ▼	
<a href="https://westernmurray.com.au/water-supply/environment/">https://westernmurray.com.au/water-supply/environment/</a>	
Has the PIRMP been tested?	Yes
The PIRMP was last tested on	11-8-2023
Has the PIRMP been updated?	Yes
The PIRMP was last updated on	11-8-2023
Number of times the PIRMP was activated in this reporting period?	0





The PIRMP was activated on	NA
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## F. Statement of Compliance - Requirement to Publish Pollution Monitoring Data

Are there any conditions attached to your licence that require pollution monitoring to be undertaken as required under section 66(6) of the Protection of the Environment Operations (POEO) Act 1997?	Yes
Do you operate a website?	Yes
Is the pollution monitoring data published on your website in accordance with the EPA's written requirements for publishing pollution monitoring data?	Yes
Address of the web page where the pollution monitoring data can be accessed ▼	
<a href="https://westernmurray.com.au/water-supply/environment/">https://westernmurray.com.au/water-supply/environment/</a>	

## G. Statement of Compliance - Environment Management System and Practices

Do you have an ISO 14001 certified Environmental Management System (EMS) OR any other system that EPA considers is equivalent to the accountability, procedures, documentation and record keeping requirements of an ISO 14001 certified EMS?	No
Have you conducted an assessment of your activities and operations to identify the aspects that have a potential to cause environmental impacts and implemented operational controls to address these aspects?	Yes
Have you established and implemented an operational maintenance program, including preventative maintenance?	Yes
Do you keep records of regular inspections and maintenance of plant and equipment?	Yes
Do you conduct regular (at least yearly) environmental audits at the premises that are conducted by a competent and independent person?	No
Have you undertaken an independent environmental audit covering documented environmental practices, procedures and systems in place during the annual return period?	No
Have you established and implemented an environmental improvement or management plan?	Yes
Do you train staff in environmental issues that may arise from your activities and operations at the premises and keep records of this?	Yes

## H. Signature and Certification



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**This Annual Return may only be signed by person(s) with legal authority to sign it as set out in following categories: an Individual, a Company, a Public authority or a Local council.**

**It is an offence under section 66 of the Protection of the Environment Operations Act 1997 to supply any information in this form that is false or misleading in a material respect, or to certify a statement that is false or misleading in a material respect. There is a maximum penalty of \$250,000 for a corporation and \$120,000 for an individual.**

I/We

- declare that the information in the Monitoring and Complaints Summary in Section B of this Annual Return application is correct and not false or misleading in a material respect, and
- certify that the information in the Statement and Compliance in sections A, C, D, E, F, G and H and any other pages attached to Section C is correct and not false or misleading in a material respect.