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Water Act 1989

BULK ENTITLEMENT (RIVER MURRAY – LOWER MURRAY URBAN AND RURAL WATER – IRRIGATION) CONVERSION ORDER 1999

Minor Amendment Notice 2015

I, Lisa Neville, as Minister administering the **Water Act 1989**, by notice amend the Bulk Entitlement (River Murray – Lower Murray Urban and Rural Water – Irrigation) Conversion Order 1999.

1 Title

This Notice is called the Bulk Entitlement (River Murray – Lower Murray Urban and Rural Water – Irrigation) Minor Amendment Notice 2015

2 Purpose

The purpose of this Notice is to amend the Bulk Entitlement (River Murray – Lower Murray Urban and Rural Water – Irrigation) Conversion Order 1999 (the Bulk Entitlement) to adjust the loss allowances for Lower Murray Urban and Rural Water’s irrigation districts to enable the transfer of the second instalment of water savings from the Sunraysia Irrigation Modernisation Project to the Commonwealth Environmental Water Holder.

3 Authorising provision

This Notice is made in accordance with section 45 of the **Water Act 1989**.

4 Commencement

This Notice comes into effect on the day it is published in the Government Gazette.

5 Amendments to clause 13 Allowances for Distribution Losses

- (1) For clause 13.2(a)(iv) of the Bulk Entitlement **substitute** –
‘(iv) for Lower Murray Urban and Rural Water’s irrigation districts, 7.2 GL;’
- (2) For clause 13.2(c)(iv) of the Bulk Entitlement **substitute** –
‘(iv) for Lower Murray Urban and Rural Water’s irrigation districts, 13.7 GL;’

6 Amendment of Schedule 1 – Tables allocating shares of water available

- (1) For Schedule 1 of the Bulk Entitlement **substitute** –

SPECIAL

‘SCHEDULE 1: TABLES ALLOCATING SHARES OF WATER AVAILABLE (clauses 6, 12 of the Order)
Table 1: High-reliability Entitlements (GL)

User group	High Reliability Entitlements (GL)	Off-take commitments for high-reliability seasonal determinations of										
		10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	
Goulburn-Murray Water	Murray Valley	At farm	15,219	30,438	45,657	60,876	76,095	91,314	106,533	121,752	136,971	152,190
		Losses	70,660	71,807	72,954	74,101	75,248	76,395	77,542	78,689	79,836	80,983
	Torrumbarry	At farm	85,879	102,245	118,611	134,977	151,343	167,709	184,075	200,441	216,807	233,173
		Losses	23,756	47,512	71,267	95,023	118,779	142,535	166,290	190,046	213,802	237,558
Goulburn-Murray Water	Nyah	At farm	62,979	64,933	66,888	68,843	70,798	72,752	74,707	76,662	78,616	80,571
		Losses	86,734	112,445	138,155	163,866	189,576	215,287	240,997	266,708	292,418	318,129
	Diversers, Dartmouth-Nyah	At farm	0,827	1,654	2,482	3,309	4,136	4,963	5,790	6,618	7,445	8,272
		Losses	0,500	0,500	0,500	0,500	0,500	0,500	0,500	0,500	0,500	0,500
LMURW - Irrigation	Not associated with land		1,327	2,154	2,982	3,809	4,636	5,463	6,290	7,118	7,945	8,772
			5,527	11,054	16,580	22,107	27,634	33,161	38,687	44,214	49,741	55,268
	Irrigation districts		42,163	84,326	126,489	168,652	210,815	252,977	295,140	337,303	379,466	421,629
		At farm	12,590	25,179	37,769	50,358	62,948	75,538	88,127	100,717	113,307	125,896
LMURW - Irrigation	Millewa & Yelta	Losses	12,234	12,234	12,234	12,234	12,234	12,234	12,234	12,234	12,234	12,234
			24,824	37,413	50,003	62,592	75,182	87,772	100,361	112,951	125,541	138,130
	Diversers, Nyah-S.A.	At farm	0,071	0,143	0,214	0,286	0,357	0,428	0,500	0,571	0,643	0,714
		Losses	4,800	4,800	4,800	4,800	4,800	4,800	4,800	4,800	4,800	4,800
LMURW - Urban	Not associated with land		4,871	4,943	5,014	5,086	5,157	5,228	5,300	5,371	5,443	5,514
			20,264	40,529	60,793	81,058	101,322	121,587	141,851	162,115	182,380	202,644
	Other		0,096	0,192	0,287	0,383	0,479	0,575	0,670	0,766	0,862	0,958
			0,054	0,107	0,161	0,214	0,268	0,321	0,375	0,428	0,482	0,535
Coliban Water	Diversers, Nyah-S.A.		0,349	0,698	1,048	1,397	1,746	2,095	2,444	2,794	3,143	3,492
			3,097	6,194	9,291	12,388	15,485	18,583	21,680	24,777	27,874	30,971
	Other		0,506	1,011	1,517	2,022	2,528	3,033	3,539	4,044	4,550	5,055
			0,123	0,246	0,369	0,492	0,615	0,738	0,861	0,984	1,107	1,230
Goulburn Valley Water	River	Channel	0,361	0,721	1,082	1,443	1,804	2,164	2,525	2,886	3,246	3,607
			0,013	0,026	0,038	0,051	0,064	0,077	0,090	0,102	0,115	0,128
	North East Water	River	1,324	2,647	3,971	5,294	6,618	7,941	9,265	10,588	11,912	13,236
			2,961	5,922	8,883	11,844	14,804	17,765	20,726	23,687	26,648	29,609
Water Holder	Snowy EWR	River	2,979	5,959	8,938	11,918	14,897	17,876	20,856	23,835	26,815	29,794
			0,959	1,918	2,877	3,836	4,795	5,753	6,712	7,671	8,630	9,589
	Exchange rate trade	SA border	1,752	3,504	5,256	7,008	8,760	10,511	12,263	14,015	15,767	17,519
		NSW	5,075	1,015	1,523	2,030	2,538	3,045	3,553	4,060	4,568	5,075
Total		1,354,969	425,268	563,867	702,465	841,064	979,662	1,118,261	1,256,859	1,395,468	1,534,057	

Table 2: Low-reliability Entitlements (GL)

User group	Low Reliability Entitlements (GL)	Off-take commitments for low reliability seasonal determinations of									
		10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
Murray Valley	At farm	9,306	18,612	27,918	37,224	46,530	55,836	65,143	74,449	83,755	93,061
	Losses	4,004	8,008	12,012	16,016	20,020	24,023	28,027	32,031	36,035	40,039
		13,310	26,620	39,930	53,240	66,550	79,860	93,170	106,480	119,790	133,100
Torrumbarry	At farm	13,398	26,797	40,195	53,594	66,992	80,391	93,789	107,187	120,586	133,984
	Losses	5,540	11,080	16,620	22,160	27,700	33,240	38,780	44,320	49,860	55,400
		18,938	37,877	56,815	75,754	94,692	113,631	132,569	151,507	170,446	189,384
Murray diverters Mitta diverters		1,206	2,411	3,617	4,823	6,028	7,234	8,440	9,645	10,851	12,057
		0,451	0,901	1,352	1,802	2,253	2,703	3,154	3,604	4,055	4,505
		1,656	3,312	4,969	6,625	8,281	9,937	11,593	13,249	14,906	16,562
Not associated with land Irrigation districts Diverters, Nyah-S.A.		4,408	8,816	13,225	17,633	22,041	26,449	30,858	35,266	39,674	44,082
		0,040	0,080	0,121	0,161	0,201	0,241	0,281	0,322	0,362	0,402
		6,632	1,326	1,990	2,653	3,316	3,979	4,643	5,306	5,969	6,632
Not associated with land Living Murray Flora & Fauna		0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
		9,884	19,767	29,651	39,534	49,418	59,301	69,185	79,068	88,952	98,835
		0,382	0,763	1,145	1,527	1,908	2,290	2,671	3,053	3,435	3,816
Total		49,281	98,563	147,844	197,126	246,407	295,688	344,970	394,251	443,533	492,814
Off-take commitments for 100% high reliability entitlements	from Table 1	286,670	425,268	563,867	702,465	841,064	979,662	1,118,261	1,256,859	1,395,458	1,534,057
Total off-take commitments		335,951	523,831	711,711	895,591	1,087,471	1,275,351	1,463,231	1,651,111	1,838,991	2,026,871

Notes on Tables 1 and 2:

- Seasonal determinations may be made in intervals of 1% by interpolation between the values shown or extrapolation below 10% (or above 100% for the losses), not just in the 10% intervals shown.
- Murray Valley and Torrumbarry have fixed losses of 69,513 GL and 61,024 GL (including 0,352 GL for Tresco) respectively, plus two variable loss components as follows:
 - for high-reliability rights, variable loss varies from zero at zero allocation, increasing linearly to 11,470 GL for Murray Valley and to 19,547 GL for Torrumbarry at an allocation of 100%;
 - for low-reliability rights, variable loss varies from zero at zero allocation, increasing linearly to 40,039 GL for Murray Valley and to 55,400 GL for Torrumbarry at an allocation of 100% to low-reliability entitlements; and these losses may be allocated as required to deliver water carried over in these irrigation areas based on the equivalent maximum allocation in each area (calculated as the seasonal determination + carryover).
- Allocations against the 22.1 GL of high-reliability entitlement added to Table 1 in November 2009 for Snowy EWR commenced when the Lake Boga-Lake Kangaroo-Lake Charm component of the Victorian Mtd-Murray Storages was first deemed by the Resource Manager to have been operated in accordance with clause 8A (which occurred on 1 April 2010).
- Broken Creek entitlements are generally supplied from the Goulburn System, including town supplies for Numurkah and Nathalia and relevant environmental entitlements, hence are not included in Tables 1 and 2, but receive Murray allocation regardless of whether they are supplied from the Murray or Goulburn System.
- The allocation to the Murray Valley and Torrumbarry losses shown may be increased up to the maximum accumulated unused loss volume available for each in order to allow for delivery of allocation carried over in these districts from the previous year.
- These tables do not show changes in water share volumes as a result of trade since 8 January 2015, or entitlements to unregulated flows in the River Murray or River Murray Increased Flows.
- LIMWUR Irrigation Districts volume includes high-reliability and supply by agreement entitlements in Table 1.

7 Amendment of Schedule 5 – Lower Murray Urban and Rural Water – River Murray Primary Entitlements

(1) For the table entitled ‘High-reliability entitlements’ in clause 1 of Schedule 5 substitute –

‘High-reliability entitlements

DESCRIPTION OF ENTITLEMENT	NOMINAL VOLUME (ML) ¹
IRRIGATION DISTRICTS	
First Mildura Irrigation District	
High Reliability Water Shares	52,996.6
Low Reliability Water Shares	253.6
Supply by Agreement	865.8
Merbein Irrigation District	
High Reliability Water Shares	20,601.3
Low Reliability Water Shares	0.0
Supply by Agreement	389.0
Red Cliffs Irrigation District	
High Reliability Water Shares	31,051.3
Low Reliability Water Shares	0.0
Supply by Agreement	110.0
Robinvale Irrigation District	
High Reliability Water Shares	19,867.2
Low Reliability Water Shares	148.3
Supply by Agreement	15.0
Fixed loss allowance (irrigation districts)	12,234.0
TOTAL	138,532.1
WATERWORKS DISTRICTS	
Millewa Waterworks District	
Entitlement	700.0
Fixed loss allowance	4,800.0
Yelta Wargan Waterworks District²	
Entitlement	14.0
TOTAL	5,514.0
PRIVATE DIVERTERS FROM MURRAY RIVER	
High Reliability Water Shares	202,634.3
Low Reliability Water Shares	6,632.3
Supply by Agreement	10.0
TOTAL	209,276.6
WATER SHARES NOT ASSOCIATED WITH LAND	
High Reliability Water Shares	957.6
Low Reliability Water Shares	0.0
TOTAL	957.6
OTHER³	535.4
TOTAL FOR BULK ENTITLEMENT	354,815.7

Notes to table:

1. These tables do not show changes in water share volumes as a result of trade since 8 January 2015.
2. Supplied via Merbein Irrigation District.
3. Provision for recognition of unrecognised Domestic and Stock/House and Garden supplies.
To be reviewed in July 2018.

Dated 28 March 2015

LISA NEVILLE MP
Minister for Environment, Climate Change and Water

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Level 2, 1 Macarthur Street
Melbourne 3002
Victoria Australia

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Level 5, 460 Bourke Street
Melbourne 3000
PO Box 1957 Melbourne 3001
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Telephone

(03) 8523 4601



Fax

(03) 9600 0478

email

gazette@bluestargroup.com.au

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