



Licence WU67 Monthly Environmental Flow Report October 2021

Version number 1 Effective date 15 November 2021

Document management

Document summary

Title	Licence WU67 Monthly Environmental Flow Report October 2021
Version	1.00
Document status	Final
Date of issue	15 November 2021

Version control

Version	Author	Date	Description	Checked by
1.00	E. Turner	15/11/2021	Report for October 2021	C. Martin

© 2016 Icon Water Limited (ABN 86 069 381 960)

This publication is copyright and is the property of Icon Water Limited. The information contained in this publication may not be reproduced in whole or in part to any extent without Icon Water Limited's express written consent.

Contents

1.	Introduction	3
2.	Compliance Analysis and Operational Interactions.....	4
3.	Environmental Release Data	5

1. Introduction

Icon Water holds a Licence to Take Water under the Water Resources Act 2007 – Licence Number WU67.

Under Licence Number WU67 clause C1, it is a requirement to provide the following information to the Environment Protection Authority (EPA) by the 15th day of each month.

2. Compliance Analysis and Operational Interactions

Table 1 - Notes relating to the reporting month Environmental Flow releases

Reservoir	Notes
Corin	<p>Corin Dam spilled throughout October.</p> <p>Releases were at licence requirements throughout October.</p> <p>The bi-monthly riffle release was achieved via overflows.</p> <p>Flow variation was changed from +/- 50% to +/- 25% on 16 September to minimise dislodgement of Macquarie perch eggs in downstream reaches.</p>
Bendora	<p>Bendora Dam spilled throughout October.</p> <p>Releases were at licence requirements throughout October.</p> <p>The bi-monthly riffle release was achieved via overflows.</p> <p>Flow variation was changed from +/- 50% to +/- 25% on 16 September to minimise dislodgement of Macquarie perch eggs in downstream reaches.</p>
Cotter	<p>Cotter Dam spilled throughout October.</p> <p>Releases were at licence requirements throughout October.</p>
Googong	<p>Googong Dam spilled throughout October.</p> <p>Googong mini-hydro operated for the majority of October being offline for short periods during inclement weather. Releases were above licence requirements while the mini-hydro was operating.</p>

Table 2 – Notes relating to abstraction from Murrumbidgee River

Mt MacDonald river gauge	Not applicable, natural river flows.
Murrumbidgee abstraction	There was no Murrumbidgee River abstraction for consumption in October.
Murrumbidgee To Cotter Eflow	M2C did not operate in October.
Murrumbidgee to Googong	M2G did not operate in October.
Angle Crossing river gauge	Not applicable, natural river flows.

3. Environmental Release Data

The environmental flow release requirements for the current month (a combination of requirements) are detailed in Table 3.

Table 3 – Current month Environmental Flow releases (Total for month in ML)

	Corin	Bendora	Cotter	Googong
Previous month's shortfall (-) or Excess (+) *	129	201		
Monthly 75% of the 80 th %tile ML #	1290	2010		
Additional release required?	No	No	No	No
Current month's release target	1161	1809	450	300

Note: * Excess carried forward is capped at 10% of the current month's base flow.

Shortfall carried forward is 100% of the amount of water under released.

Under stage 1 or greater water restrictions, targets flow change to a predetermined base flow.

Daily totals in Table 4 to Table 7 are reported as the 24-hour average from midnight to midnight. Operational changes to environmental flow releases occur during business hours, and therefore the value reported may be slightly different to the target flow on the day the flow is changed. This is particularly evident for large changes in flow e.g. the riffle and pool flushes as the flow is averaged for the day.

The actual daily flows, in megalitres per day (ML/d), from each reservoir are detailed in Table 4 to Table 7 together with the water produced at the water treatment plants (WTP) in Table 10.

Table 8 provides more detail with respect to environmental flows provided below Cotter Dam. The e-flows are made up of two components: water released from the Cotter Dam and water being pumped from Murrumbidgee River to below Cotter Dam. This is to satisfy the requirements set out by ACT EPA and Federal Department of the Environment for the operation of the Enlarged Cotter Dam.

Table 9 provides flow details for the operations of the Murrumbidgee to Googong pipeline. It details daily flows through the high lift pumps station as well as daily flows in the Murrumbidgee River at Angle crossing. This is to demonstrate compliance with the requirements set out by ACT EPA, Federal Department of the Environment and NSW Department of Planning.

Table 10 also details the quantity of treated water that has been transferred to Googong reservoir from Stromlo WTP.

Table 4 - Monthly Environmental Flow release data for Corin dam

	410730 Gingera (unverified)	410730 Gingera (verified)	Environmental flow release below Corin Date	Daily base flow	Additional release (pool / riffle)	Planned +/- 50% release regime	Calculated Natural Flow. (Unverified)	Calculated Natural Flow. (Verified)	Adjusted daily base flow. EOM = Revised monthly target	410752 Corin D/S (Unverified)	410752 Corin D/S (Verified)	EOM Excess (+) / Shortfall (-) to carry forward	EOM Correction to 410730, Verified Vs unverified	EOM Correction to 410752, Verified Vs unverified	Comments
SUM															
Previous months adjustment									-198.4						
	305.65	314.6	Fri 1-Oct-21	64.00		80.0	436.6	449.3	64.0	436.49	445.2				
	289.16	285.1	Sat 2-Oct-21	64.00		80.0	413.0	407.2	64.0	408.28	424.4				
	254.54	261.1	Sun 3-Oct-21	64.00		80.0	363.6	372.9	64.0	378.33	386.9				
	239.43	236.7	Mon 4-Oct-21	64.00		80.0	342.0	338.1	64.0	349.44	359.2				
	237.2	240.7	Tue 5-Oct-21	64.00		80.0	338.7	343.8	64.0	357.8	358.9				
	214.3	218.9	Wed 6-Oct-21	64.00		80.0	306.1	312.7	64.0	327.6	324				
	198.0	201.1	Thu 7-Oct-21	64.00		48.0	282.7	287.2	64.0	296.6	296.6				
	188.2	189.8	Fri 8-Oct-21	64.00		48.0	268.7	271.1	64.0	277.0	277				
	178.98	180.8	Sat 9-Oct-21	64.00		48.0	255.6	258.2	64.0	263.56	265.1				
	180.01	176.9	Sun 10-Oct-21	64.00		48.0	257.1	252.7	64.0	258.19	258.2				
	179.43	183.1	Mon 11-Oct-21	64.00		48.0	256.3	261.5	64.0	254.9	254.9				
	172.64	172.5	Tue 12-Oct-21	64.00		48.0	246.6	246.4	64.0	243.9	243.9				
	233.47	195.2	Wed 13-Oct-21	64.00		48.0	333.5	278.8	64.0	260.9	260.9				
	421.55	428.4	Thu 14-Oct-21	64.00	150	80.0	602.1	611.9	150.0	480.9	480.9				
	301.94	308	Fri 15-Oct-21	64.00	150	80.0	431.3	439.9	150.0	438.5	438.4				
	283.60	288.7	Sat 16-Oct-21	64.00	150	80.0	405.1	412.4	150.0	398.2	400.2				Riffle release achieved
	252.20	257.8	Sun 17-Oct-21	64.00		80.0	360.2	368.2	64.0	349.3	347.7				
	237.91	238.9	Mon 18-Oct-21	64.00		80.0	339.8	341.2	64.0	330.39	335.5				
	231.19	234.2	Tue 19-Oct-21	64.00		80.0	330.2	334.5	64.0	330.67	338.1				
	226.81	226.9	Wed 20-Oct-21	64.00		80.0	324.0	324.1	64.0	304.48	302.5				
	215.14	217.7	Thu 21-Oct-21	64.00		48.0	307.3	310.9	64.0	294.69	292.8				
	203.59	206	Fri 22-Oct-21	64.00		48.0	290.8	294.2	64.0	284.88	282.8				
	192.57	195	Sat 23-Oct-21	64.00		48.0	275.0	278.5	64.0	272.26	267.5				
	181.32	183.6	Sun 24-Oct-21	64.00		48.0	259.0	262.2	64.0	260.66	257				
	175.00	175.9	Mon 25-Oct-21	64.00		48.0	250.0	251.2	64.0	239.40	237.7				
	167.47	169.3	Tue 26-Oct-21	64.00		48.0	239.2	241.8	64.0	233.64	232.1				
	157.91	160	Wed 27-Oct-21	64.00		48.0	225.5	228.5	64.0	224.41	223				
	151.21	152.1	Thu 28-Oct-21	64.00		80.0	216.0	217.2	64.0	212.78	211.4				
	146.30	147.7	Fri 29-Oct-21	64.00		80.0	209.0	211.0	64.0	217.16	215				
	139.38	140.8	Sat 30-Oct-21	64.00		80.0	199.1	201.1	64.0	190.06	188.7				
	134.24	135.2	Sun 31-Oct-21	64.00		80.0	191.7	193.1	64.0	186.56	185.3				
SUM	6,690.21			1984.0	450.0	2032.0	9555.6	9602.0	2043.6	9361.8	9391.8	201.0	-100.0%	0.3%	

Table 5 - Monthly Environmental Flow release data for Bendora dam

	410730 Gingera (unverified)	410730 Gingera (verified)	Environmental flow release below Bendora Date	Daily base flow	Additional release (pool / riffle)	Planned +/- 50% release regime	Calculated Natural Flow. (Unverified)	Calculated Natural Flow. (Verified)	Adjusted daily base flow. EOM = Revised monthly target	410747 Bendora D/S (Unverified)	410747 Bendora D/S (Verified)	EOM Excess (+) / Shortfall (-) to carry forward	EOM Correction to 410730 , Verified Vs unverified	EOM Correction to 410747 , Verified Vs unverified	Comments
Previous months adjustment									-310.0						
	305.65	314.6	Fri 1-Oct-21	100.00		125.0	672.4	692.1	100.0	592.3	582.4				
	289.16	285.1	Sat 2-Oct-21	100.00		125.0	636.1	627.2	100.0		644.4				Comms loss to BEND due to PLC failure
	254.54	261.1	Sun 3-Oct-21	100.00		125.0	560.0	574.4	100.0	634.9	634.9				Comms loss to BEND due to PLC failure
	239.43	236.7	Mon 4-Oct-21	100.00		125.0	526.7	520.7	100.0	565.4	565.4				Comms loss to BEND due to PLC failure
	237.2	240.7	Tue 5-Oct-21	100.00		125.0	521.7	529.5	100.0	517.5	517.5				Comms loss to BEND due to PLC failure
	214.3	218.9	Wed 6-Oct-21	100.00		75.0	471.5	481.6	100.0	453.9	449				Comms loss to BEND due to PLC failure
	198.0	201.1	Thu 7-Oct-21	100.00		75.0	435.5	442.4	100.0	391.5	380.9				
	188.2	189.8	Fri 8-Oct-21	100.00		75.0	413.9	417.6	100.0	350.1	336.6				
	178.98	180.8	Sat 9-Oct-21	100.00		75.0	393.7	397.8	100.0	310.51	301.6				
	180.01	176.9	Sun 10-Oct-21	100.00		75.0	396.0	389.2	100.0	282.99	274.2				
	179.43	183.1	Mon 11-Oct-21	100.00		75.0	394.7	402.8	100.0	279.0	268.4				
	172.64	172.5	Tue 12-Oct-21	100.00		75.0	379.8	379.5	100.0	260.3	249.6				
	233.47	195.2	Wed 13-Oct-21	100.00	150	125.0	513.6	429.4	150.0	268.7	257.6				
	421.55	428.4	Thu 14-Oct-21	100.00	150	125.0	927.4	942.5	150.0	544.9	506.5				
	301.94	308	Fri 15-Oct-21	100.00	150	125.0	664.3	677.6	150.0	667.3	618.7				Riffle release achieved
	283.60	288.7	Sat 16-Oct-21	100.00		125.0	623.9	635.1	100.0	570.8	529.3				
	252.20	257.8	Sun 17-Oct-21	100.00		125.0	554.8	567.2	100.0	480.1	452				
	237.91	238.9	Mon 18-Oct-21	100.00		125.0	523.4	525.6	100.0	414.33	387				
	231.19	234.2	Tue 19-Oct-21	100.00		125.0	508.6	515.2	100.0	424.58	397.2				
	226.81	226.9	Wed 20-Oct-21	100.00		75.0	499.0	499.2	100.0	378.79	355.9				
	215.14	217.7	Thu 21-Oct-21	100.00		75.0	473.3	478.9	100.0	339.40	317.4				
	203.59	206	Fri 22-Oct-21	100.00		75.0	447.9	453.2	100.0	324.27	306.1				
	192.57	195	Sat 23-Oct-21	100.00		75.0	423.7	429.0	100.0	292.69	280.2				
	181.32	183.6	Sun 24-Oct-21	100.00		75.0	398.9	403.9	100.0	254.75	244.2				
	175.00	175.9	Mon 25-Oct-21	100.00		75.0	385.0	387.0	100.0	228.36	217.1				
	167.47	169.3	Tue 26-Oct-21	100.00		75.0	368.4	372.5	100.0	210.35	201.2				
	157.91	160	Wed 27-Oct-21	100.00		125.0	347.4	352.0	100.0	198.20	191.5				
	151.21	152.1	Thu 28-Oct-21	100.00		125.0	332.7	334.6	100.0	180.02	173.4				
	146.30	147.7	Fri 29-Oct-21	100.00		125.0	321.9	324.9	100.0	161.66	157.3				
	139.38	140.8	Sat 30-Oct-21	100.00		125.0	306.6	309.8	100.0	144.21	140.2				
	134.24	135.2	Sun 31-Oct-21	100.00		125.0	295.3	297.4	100.0	124.74	123				
SUM	6,690.21			3100.0	450.0	3175.0	14718.5	14789.9	2940.0	10846.3	11060.7	201.0	-100.0%	2.0%	

Table 6 - Monthly Environmental Flow release data for Cotter dam

SUM	Environmental flow release below Cotter Date	Daily base flow	Additional release (pool / riffle)			EOM = Revised monthly target	410700 Cotter D/S (Unverified)	410700 Cotter D/S (Verified)	EOM Excess (+) / Shortfall (-)	EOM Correction to 410700 , Verified Vs unverified	Comments
Previous months adjustment						0.0					
	Fri 1-Oct-21	15				15.0	1054.9	1043			
	Sat 2-Oct-21	15				15.0	1213.2	1200			
	Sun 3-Oct-21	15				15.0	1182.5	1169			
	Mon 4-Oct-21	15				15.0	1059.0	1052			
	Tue 5-Oct-21	15				15.0	913.7	913.7			
	Wed 6-Oct-21	15				15.0	773.9	757.6			
	Thu 7-Oct-21	15				15.0	670.6	621.8			
	Fri 8-Oct-21	15				15.0	550.4	530.1			
	Sat 9-Oct-21	15				15.0	489.9	473.5			
	Sun 10-Oct-21	15				15.0	430.2	418.2			
	Mon 11-Oct-21	15				15.0	392.6	383.4			
	Tue 12-Oct-21	15				15.0	372.5	365.4			
	Wed 13-Oct-21	15				15.0	381.1	374.5			
	Thu 14-Oct-21	15				15.0	711.4	701.4			
	Fri 15-Oct-21	15				15.0	939.1	929.3			
	Sat 16-Oct-21	15				15.0	854.9	848			
	Sun 17-Oct-21	15				15.0	724.7	721.2			
	Mon 18-Oct-21	15				15.0	628.8	627.3			
	Tue 19-Oct-21	15				15.0	556.4	556.6			
	Wed 20-Oct-21	15				15.0	534.2	536.8			
	Thu 21-Oct-21	15				15.0	471.1	475			
	Fri 22-Oct-21	15				15.0	441.3	446.3			
	Sat 23-Oct-21	15				15.0	420.6	426.5			
	Sun 24-Oct-21	15				15.0	366.82	372.6			
	Mon 25-Oct-21	15				15.0	317.77	322.8			
	Tue 26-Oct-21	15				15.0	300.36	305.2			
	Wed 27-Oct-21	15				15.0	285.31	290.6			
	Thu 28-Oct-21	15				15.0	268.30	273.9			
	Fri 29-Oct-21	15				15.0	263.03	269.2			
	Sat 30-Oct-21	15				15.0	219.28	225.7			
	Sun 31-Oct-21	15				15.0	198.8	205.6			
SUM		465.0	0.0			465.0	17986.6	17836.2	17371.2	-0.8%	

Table 7 - Monthly Environmental Flow release data for Googong dam

SUM	410781 Upstream Googong (Unverified)	410781 Upstream Googong (Verified)	Environmental flow release below Googong Date	Daily base flow	Additional release (pool / riffle)	Calculated Natural Flow. (Unverified)	Calculated Natural Flow. (Verified)	EOM = Revised monthly target	410760 Wickerslack (Unverified)	410760 Wickerslac k (Verified)	EOM Excess (+) / Shortfall (-)	EOM Correction to 410781, Verified Vs unverified	EOM Correction to 410760, Verified Vs unverified	Comments
Previous months adjustment														
	2808.9	3027.0	Fri 1-Oct-21	10.0		3595.4	3874.6	10.0	5319.45	5319				
	1278.5	1370.0	Sat 2-Oct-21	10.0		1636.5	1753.6	10.0	3375.36	3375				
	957.6	1060.0	Sun 3-Oct-21	10.0		1225.7	1356.8	10.0	2375.29	2375				
	598.5	650.4	Mon 4-Oct-21	10.0		766.1	832.5	10.0	1421.14	1421				
	427.9	454.0	Tue 5-Oct-21	10.0		547.7	581.1	10.0	948.5	948.5				
	332.8	349.8	Wed 6-Oct-21	10.0		425.9	447.7	10.0	662.9	662.9				
	276.0	285.3	Thu 7-Oct-21	10.0		353.3	365.2	10.0	492.1	492.1				
	247.1		Fri 8-Oct-21	10.0		316.3		10.0	389.4	389.4				
	218.14		Sat 9-Oct-21	10.0		279.2		10.0	329.22	329.2				
	203.45		Sun 10-Oct-21	10.0		260.4		10.0	292.35	292.4				
	277.1		Mon 11-Oct-21	10.0		354.7		10.0	309.58	309.6				
	307.5		Tue 12-Oct-21	10.0		393.6		10.0	309.95	310				
	262.8		Wed 13-Oct-21	10.0		336.4		10.0	313.42	313.4				
	1492.5		Thu 14-Oct-21	10.0		1910.4		10.0	841.75	841.7				
	1310.6		Fri 15-Oct-21	10.0		1677.6		10.0	1997.67	1998				
	747.6		Sat 16-Oct-21	10.0		956.9		10.0	1478.22	1478				
	504.0		Sun 17-Oct-21	10.0		645.1		10.0	944.07	944.1				
	398.73		Mon 18-Oct-21	10.0		510.4		10.0	670.28	670.3				
	352.10		Tue 19-Oct-21	10.0		450.7		10.0	562.37	562.4				
	410.94		Wed 20-Oct-21	10.0		526.0		10.0	492.78	492.8				
	749.23		Thu 21-Oct-21	10.0		959.0		10.0	541.58	541.6				
	549.68		Fri 22-Oct-21	10.0		703.6		10.0	687.54	687.5				
	442.46		Sat 23-Oct-21	10.0		566.3		10.0	599.09	599.1				
	378.53		Sun 24-Oct-21	10.0		484.5		10.0	525.05	525.1				
	332.17		Mon 25-Oct-21	10.0		425.2		10.0	435.33	435.3				
	300.92		Tue 26-Oct-21	10.0		385.2		10.0	368.62	368.6				
	280.00		Wed 27-Oct-21	10.0		358.4		10.0	321.48	321.5				
	258.19		Thu 28-Oct-21	10.0		330.5		10.0	300.68	300.7				
	241.78		Fri 29-Oct-21	10.0		309.5		10.0	274.56	274.6				
	227.31		Sat 30-Oct-21	10.0		291.0		10.0	276.14	276.1				
	213.28		Sun 31-Oct-21	10.0		273.0		10.0	256.54	256.5				
SUM	17386.4	7196.5		310.0	0.0	22254.6	9211.5	310.0	28112.3	28111.4	27801.4	-58.6%	0.0%	

Note:

410781 Upstream Googong verified data is provided every second month.

Table 8 – Monthly flow data for Cotter River Environmental Flows

Date	Cotter River e-flows below Cotter Dam		Comments
	E-flow sourced from Murrumbidgee via M2C	E-flow sourced from Cotter Dam release/spill	
Fri 1-Oct-21	0.0	1043	
Sat 2-Oct-21	0.0	1200	
Sun 3-Oct-21	0.0	1169	
Mon 4-Oct-21	0.0	1052	
Tue 5-Oct-21	0.0	913.7	
Wed 6-Oct-21	0.0	757.6	
Thu 7-Oct-21	0.0	621.8	
Fri 8-Oct-21	0.0	530.1	
Sat 9-Oct-21	0.0	473.5	
Sun 10-Oct-21	0.0	418.2	
Mon 11-Oct-21	0.0	383.4	
Tue 12-Oct-21	0.0	365.4	
Wed 13-Oct-21	0.0	374.5	
Thu 14-Oct-21	0.0	701.4	
Fri 15-Oct-21	0.0	929.3	
Sat 16-Oct-21	0.0	848	
Sun 17-Oct-21	0.0	721.2	
Mon 18-Oct-21	0.0	627.3	
Tue 19-Oct-21	0.0	556.6	
Wed 20-Oct-21	0.0	536.8	
Thu 21-Oct-21	0.0	475	
Fri 22-Oct-21	0.0	446.3	
Sat 23-Oct-21	0.0	426.5	
Sun 24-Oct-21	0.0	372.6	
Mon 25-Oct-21	0.0	322.8	
Tue 26-Oct-21	0.0	305.2	
Wed 27-Oct-21	0.0	290.6	
Thu 28-Oct-21	0.0	273.9	
Fri 29-Oct-21	0.0	269.2	
Sat 30-Oct-21	0.0	225.7	
Sun 31-Oct-21	0.0	205.6	
Total	0.0	17836.2	

Table 9 – Monthly flow data for Murrumbidgee to Googong

Date	Murrumbidgee at Angle crossing	M2G Flow	Comments
Fri 1-Oct-21	1619	0.0	
Sat 2-Oct-21	2554	0.0	
Sun 3-Oct-21	2697	0.0	
Mon 4-Oct-21	2346	0.0	
Tue 5-Oct-21	1968	0.0	
Wed 6-Oct-21	1524	0.0	
Thu 7-Oct-21	1293	0.0	
Fri 8-Oct-21	1155	0.0	
Sat 9-Oct-21	1108	0.0	
Sun 10-Oct-21	1150	0.0	
Mon 11-Oct-21	1108	0.0	
Tue 12-Oct-21	1083	0.0	
Wed 13-Oct-21	1183	0.0	
Thu 14-Oct-21	1493	0.0	
Fri 15-Oct-21	1466	0.0	
Sat 16-Oct-21	1995	0.0	
Sun 17-Oct-21	1857	0.0	
Mon 18-Oct-21	1556	0.0	
Tue 19-Oct-21	1340	0.0	
Wed 20-Oct-21	1213	0.0	
Thu 21-Oct-21	1659	0.0	
Fri 22-Oct-21	2910	0.0	
Sat 23-Oct-21	2715	0.0	
Sun 24-Oct-21	2167	0.0	
Mon 25-Oct-21	1771	0.0	
Tue 26-Oct-21	1454	0.0	
Wed 27-Oct-21	1215	0.0	
Thu 28-Oct-21	1074	0.0	
Fri 29-Oct-21	973.1	0.0	
Sat 30-Oct-21	910.7	0.0	
Sun 31-Oct-21	1014	0.0	
Total	49570.8	0.0	

Table 10 – Monthly water production data and water transferred to Googong reservoir

Day	Stromlo WTP ML			Googong WTP ML	Transfer from SWTP to Googong res.
	M'bidgee	Cotter	Bendora		
1	0.0	0.0	109.6	0.0	0.0
2	0.0	0.0	113.5	0.0	0.0
3	0.0	0.0	115.8	0.0	0.0
4	0.0	0.0	114.8	0.0	0.0
5	0.0	0.0	114.9	0.0	0.0
6	0.0	0.0	114.9	0.0	0.0
7	0.0	0.0	120.2	0.0	14.1
8	0.0	0.0	118.7	0.0	0.0
9	0.0	0.0	118.5	0.0	0.0
10	0.0	0.0	121.2	0.0	0.0
11	0.0	0.0	120.1	0.0	0.0
12	0.0	0.0	114.1	0.0	0.0
13	0.0	0.0	114.5	0.0	0.0
14	0.0	0.0	111.7	0.0	0.0
15	0.0	0.0	113.6	0.0	0.0
16	0.0	0.0	124.5	0.0	0.0
17	0.0	0.0	114.2	0.0	0.0
18	0.0	0.0	122.6	0.0	0.0
19	0.0	0.0	144.6	0.0	0.0
20	0.0	0.0	80.5	0.0	0.0
21	0.0	0.0	121.4	0.0	0.0
22	0.0	0.0	115.3	0.0	0.0
23	0.0	0.0	109.7	0.0	0.0
24	0.0	0.0	136.6	0.0	0.0
25	0.0	0.0	139.6	0.0	0.0
26	0.0	0.0	133.9	0.0	0.0
27	0.0	0.0	130.8	0.0	0.0
28	0.0	0.0	127.2	0.0	0.0
29	0.0	0.0	136.4	0.0	0.0
30	0.0	0.0	142.9	0.0	0.0
31	0.0	0.0	145.9	0.0	0.0
Total	0.0	0.0	3762.2	0.0	14.1

Talk to us

E talktous@iconwater.com.au

T 02 6248 3111

 [@iconwater](https://twitter.com/iconwater)

GPO Box 366,
Canberra ACT 2601

[iconwater.com.au](https://www.iconwater.com.au)