

IPOS Issue 29 – January 2015

Happy New Year!

Wishing you a happy and safe 2015 from the Business Relations Team

This year, SA Water's Business Relations Team will continue to offer technical support to IPOS e-bulletin subscribers and customer's irrigating public open space through the IPOS program. So what's in store and relevant for 2015?

- A review and upgrade of the IPOS Code of Practice
- Continued technical support services and water management consultancy
- Information sheets, case studies and monthly e-bulletins during the summer months
- Workshops and site tours
- A new website
- Account management and more!

Want to know more? Visit our website via the link below or simply call or email us on the phone number in the banner below!

http://www.sawater.com.au/SAWater/Environment/WWM/WWM_IPOS.htm

Irrigation Forecasting Trial Expression of Interest

Register your interest to receive weekly irrigation forecasting information

In our last e-bulletin we announced the funding that was secured by the Local Government Turf and Irrigation Technical Group (LGTITG) to review and update the current IPOS Code of Practice. As part of this project the possibility of short term irrigation forecasting has been raised and is being investigated, with a trial data set being produced now by the Bureau of Meteorology (BOM).

SA Water's Business Relations Group has created seven day irrigation forecasts based on forecasted ETo and rainfall using the IPOS irrigation demand model and eto forecast data from the BOM. If you are interested in receiving the 7 day irrigation forecast via a weekly email please email us at BusinessTechnicalSupport@sawater.com.au.

Leak Analysis and Water Profiling Service

Customers increase understanding of their water consumption patterns

SA Water's Business Technical Support continues to observe positive customer outcomes from the Leak Analysis and Water Profiling Service. The service involves attaching data logging equipment to water meters and exposed pipes to capture water consumption at set intervals as frequent as one minute. The data collected is analysed and graphs produced have been effective in identifying base flow leaks, cases of equipment left running, irrigation patterns and other opportunities for water efficiency and cost savings. It was revealed on one of our customers that over 90% of water use on a meter was occurring daily between 11:00 and 11:20pm at night when the site was closed!

To find out more please download our Leak Analysis and Water Profiling Information Sheet available under Services on the Business Technical Support webpage:

<http://www.sawater.com.au/SAWater/YourBusiness/SaveWaterInYourBusiness/>

Or contact us at BusinessTechnicalSupport@sawater.com.au or phone 08 7424 1333.

Tip of the Month

Adjust your irrigation systems and take advantage of the rain!

From the 8th to the 13th January, significant rainfall was observed across the State. Approximately 35mm of rain was recorded at the Kent Town weather station and significantly more in Northern areas of SA. The rainwater will add valuable moisture to soils across the State and be of great benefit to your turf. The soaking will also potentially flush any salt build up that may have occurred if you've been irrigating with higher saline bore or recycled water. It would have been beneficial if you remembered to turn off your irrigation systems and saved some money by preventing irrigation events that were not required!

Continued overleaf...

December Irrigation Requirement Overview

Bureau of Meteorology (BoM)

Station	TQVS 1		TQVS 2		TQVS 3		TQVS 4	
	AIR	BIR	AIR	BIR	AIR	BIR	AIR	BIR
Adelaide Airport - 023034	1635	1770	971	1002	805	810	638	619
Kent Town - 023090	1594	1659	940	924	777	740	613	556
Mount Crawford - 023763	1576	1595	930	870	768	689	606	508
Noarlunga - 023885	1419	1727	830	986	682	801	535	616
Parafield - 023013	1720	1815	1018	1027	843	830	668	633

AIR is the 'Actual Irrigation Requirement' which is based on the current climate data.

BIR is the 'Base Irrigation Requirement' which is based on the average of the previous 5 years climate data.

Station	Rainfall mm		Eto mm	
	Current	Long term	Current	Long term
Adelaide Airport - 023034	4.2	23.8	189.9	219.24
Kent Town - 023090	6.4	28.6	186.7	210.06
Mount Crawford - 023763	12.8	34.8	184.8	207.19
Noarlunga - 023885	8.8	20.00	168.5	211.64
Parafield - 023013	5.4	24.7	200.4	225.02

Disclaimer:

SA Water's Business Technical Support provides recommendations and suggestions only. It is advised that further investigations are detailed studies are completed before any projects are implemented. All applicable standards & guidelines (Australian, EU, AQUIS, HACCP, Australian Drinking Water Quality Guidelines etc.) should be adhered to, and care should be taken to ensure water and wastewater minimisation programs do not negatively impact health or processing operations.