

## IPOS e-Bulletin

### Issue 41 – November 2016

#### IPOS Program 2016-17

##### A reminder of the technical support available

SA Water's Irrigated Public Open Space (IPOS) program provides guidelines and support for the management of irrigated public open space.

The IPOS program is available to councils, schools and sporting clubs and provides support including:

- information on water consumption, accounts, possible exemptions from standard rates and charges subject to eligibility;
- resources promoting best practice management including:
  - The Code of Practice Irrigated Public Open Space
  - The IPOS Operational Guide
  - Case Studies, Fact Sheets and Irrigation Management Toolkits
- regular e-bulletins with valuable information such as timely tips, grants and workshops;
- assistance on how to monitor your water use;
- information about SA Water's products and services including:
  - SA Water Smart Metering services
  - SA Water Leak Analysis services
  - Recycled water information
- information on water quality, pressure and flow.

You can access information about irrigation management on the SA Water [website](#).

Alternatively, if you would like to speak to us, please call via our contact details in the banner below.

## IPOS training sessions a success

### More than 100 people attend IPOS training sessions

The Office for Recreation and Sport (ORS) recently established a Water Working Group to work collaboratively on a cross-government approach to manage utility costs for sporting organisations, councils and schools. As part of the group's initiatives, it was determined further promotion of the IPOS Operational Guide was required. IPOS training sessions were organised to increase awareness about resources currently available to assist organisations with managing irrigation management costs.

Five sessions were held across the state including in Murray Bridge, Victor Harbor and Whyalla. ORS hosted the sessions with industry expert Gerry Charlton presenting with help from SA Water. Approximately 120 people attended the training sessions representing 42 schools, 17 councils, 27 sporting clubs as well as representation from private consultants.

The training sessions were received positively from participants who expressed their value in the sessions provided.

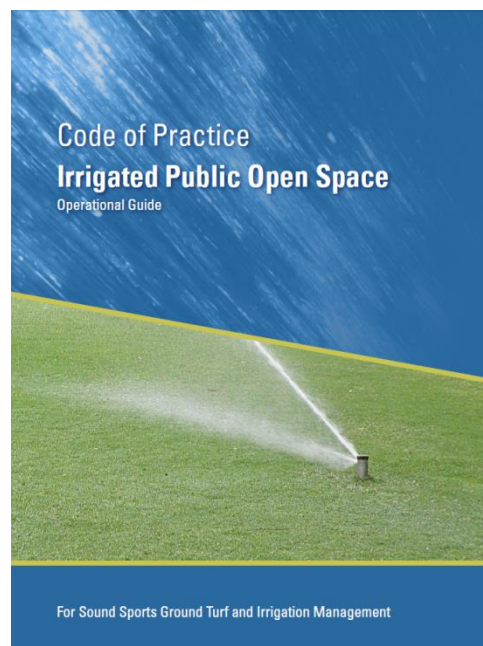
If you missed the workshops and are interested in the content provided, please contact us on the details in the banner below.

## Smart metering pilot project in schools

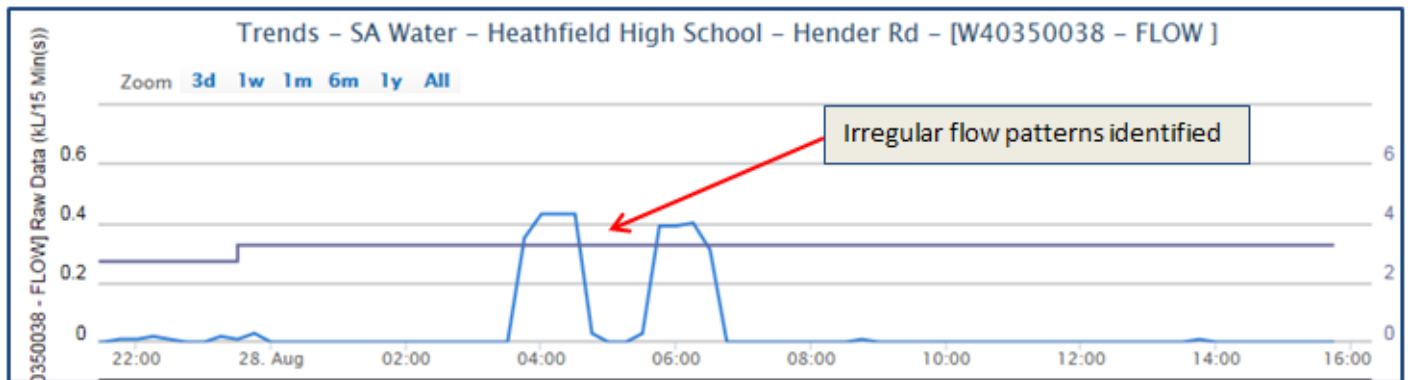
### Heathfield High School and Ocean View College students benefit from smart metering exercise

Through a partnership with the Department for Education and Child Development (DECD), SA Water has provided a smart metering service to two Adelaide high schools to help them monitor and manage their site's water use. The service includes data loggers installed to existing larger consuming water meters at the schools and access to an online portal to securely view consumption data.

The close monitoring and analysis of data from the portal is done by the students from the two participating schools – Heathfield High School and Ocean View College - and has been incorporated into their curriculum. Students from both schools have successfully used this information to identify opportunities for improved water efficiency resulting in significant cost savings.



The students at Heathfield High observed a regular pattern of water use occurring in the early hours of the morning throughout September and October. Further investigations identified irrigation was scheduled during these times that wasn't needed. The image below displays the spikes where irrigation was identified on the portal one Sunday in August this year. Students reported on the volumes of water being used, time of day, observed the flow rates and calculated the costs of the water used. They then determined the potential water and cost savings that could be made in the future and actioning this by rescheduling irrigation and preventing this unnecessary water use.



Students will be presenting their findings to SA Water staff in our Adelaide office in mid November.

For more information about SA Water's smart metering service please contact us.

## Tip of the Month

### Delaying irrigation events in cooler climates

The start of this season's irrigation season has been significantly cooler and wetter than the long term average. Irrigation requirements were therefore reduced for the month of October. Hopefully you were able to delay irrigation events during October to make the most of the rain!



# October Irrigation requirement overview

## Bureau of Meteorology (BoM)

Station	TQVS 1 (kL/Ha)		TQVS 2 (kL/Ha)		TQVS 3 (kL/Ha)		TQVS 4 (kL/Ha)	
	AIR	BIR	AIR	BIR	AIR	BIR	AIR	BIR
<b>Adelaide Airport</b> - 023034	994	1180	467	617	335	476	203	335
<b>Kent Town</b> - 023090	669	1065	199	535	81	402	0	269
<b>Mount Crawford</b> - 023763	560	766	137	295	0	177	0	0
<b>Noarlunga</b> - 023885	841	1150	340	608	215	473	90	337
<b>Parafield</b> - 023013	921	1180	423	606	298	463	173	319

**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
<b>Adelaide Airport</b> - 023034	52	37	151	161
<b>Kent Town</b> - 023090	81	42	134	152
<b>Mount Crawford</b> - 023763	80	66	121	135
<b>Noarlunga</b> - 023885	66	33	143	155
<b>Parafield</b> - 023013	52	41	142	164

### Disclaimer:

SA Water's Business Relations 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.