



WATERWISE GOLF COURSE PROGRAM INFORMATION SHEET



Government of Western Australia
Department of Water

Proudly supports the Waterwise Golf Course Program



CRITERIA FOR BRONZE LEVEL



Applicants must meet all of the criteria below.

Training to be provided to the following level of Australian Qualification Framework (AQF) Competence

- AHCIRG303A – Measure irrigation delivery system performance
- AHCIRG305A – Operate pressurised irrigation systems

Provide a basic level of operator training

1. Maintain a minimum of at least one (1) person, ie. the person responsible for the irrigation system (e.g. irrigation technician, superintendent or assistant superintendent) to attend training course for *Golf Course Irrigation Basics* to cover the following aspects:
 - irrigation system components
 - soil/water/plant relationships
 - determine plant watering needs
 - maintenance
 - system scheduling
 - measuring, monitoring and recording water use
 - irrigation efficiency measures
 - legislative requirements.

Provide a basic level of water management through compliance and awareness of responsibilities

2. Adhere to all legislative requirements for the use of irrigation water.
3. Prepare an irrigation water efficiency plan based on the Department of Water Operational Policy 5.08 and which will include the requirement and commitment for:
 - measuring/monitoring/recording
 - leak detection and repair strategy
 - system maintenance and audit schedule inspect all fixtures, appliances, pressure regulators, water lines, valves and pumps for leaks. Keep replacement and repair parts consistent and available
 - criteria for new irrigation system design
 - maintenance program and defined tasks
 - contingencies
 - measures to be adopted to maximise water use efficiency under the existing site conditions.

Achieve accurate water measurement through knowledge of irrigated areas and water accounting.

4. Create a site map/aerial photo showing the location of each point of connection, potable water meter and backflow prevention device, bore, water meter, irrigation controller and zone valves. Provide a photograph of each bore discharge pipework and water meter installed.
5. Install a water meter to the standards details in the Department of Water Guidelines for water meter installation 2009, on all water sources to measure both water flow rate and cumulative volume. Preferably a water meter with a flow rate output signal that can link to the controller which will help detect leaks and water use.