

# SANCTUARY LAKES RESORT NEWS

February 25, 2020



## HOW DOES THE IRRIGATION SYSTEM WORK?

One of the most important steps in maintaining a healthy landscape is effective irrigation, which is why the Sanctuary Lakes irrigation system is one of the most valued and complex pieces of infrastructure within the Resort.

The main factor to keep in mind is our system is a closed loop system. All the irrigated areas within the resort are irrigated with recycled water, and the recycled water is sourced from the City West Water treatment plant in Altona.

We pump from the 6th dam (which is filled with recycled water from City West Water) into holding tanks. From there we pump out to the closed loop system via our Irrigation pump system which runs up Maintenance Drive which then turns left and right and loops right around the Estate.

A closed loop system means we don't have water metres at every park and along the Boulevard. Being closed loop we supply the water and pressure to run the system via our own irrigation pumps. The Irrigation is run by a Rainbird central control system. One of the main features of the Rainbird control unit is that it has a flow manager and E.T (evapotranspiration) software built into it, which automatically calculates the amount of water that is required to be applied based on recent weather (more on this a little later).

We sometimes have residents enquire as to why we water at odd times in the evening. As we have a closed loop system, we cannot run multiple stages at the same time. Watering needs to be staggered around the estate and the Rainbird flow manager helps to spread the amount of water and pressure that pipe size allows.

Most of the time we work on 60 litres per second at 8.3 bars of pressure. To achieve this and keep within our window of time for sprays to water we irrigate the parks and open space at night, and during the day we irrigate the garden beds and trees.

# RESORT NEWS



## SANCTUARY LAKES IRRIGATION

The run times vary from park to park, and median strip to nature strip. This depends on the type of sprays, the amount of sprays per line and the soil profile. Audits are regularly completed to ensure the system is running efficiently. The E.T. software the Rainbird system uses saves water by tracking the amount of moisture that is lost daily from the soil profile due to radiant heat from the sun.

For example, if we have 15mm of rain tonight that is registered by our weather station which is connected to the Rainbird system. The 15mm of rain fills the soil profile (4mm may only be needed due to the rain event the night before) at the end of each day the Rainbird system calculates how much moisture is lost in the soil profile and adjusts watering times as necessary.

As always if you notice a leak anywhere in our system please give us a call or send us an email so we can repair the line as soon as possible.

Below are some interesting facts about the irrigation system.

Sanctuary Lakes has a total of 31 Parks and Public Open Spaces under irrigation. A total of 18.5 hectares.



There are approx.  
16,100 sprays  
of varying types

28.175 km  
of main line pipe

57.7 km  
of wiring

134.40 km of  
lateral pipes

118.20 km  
of dripline

850 irrigation boxes  
which contain 850  
solenoid valves all of  
which are buried in  
the ground

Based on replacement costs in 2017 it was estimated that the replacement cost of the irrigation system was \$6.3 million. This does not include installation costs



# ANNOUNCEMENTS



## EASTER EVENT

The annual Easter Family Day Event will be held on Saturday, 4th April from 10am - 1pm.

Come along for Easter Egg Hunts, jumping castle fun, an animal farm, arts and craft, a reptile show, coffee's for Mum and Dad, and lots, lots more.

Thank you to Wallaby Childcare - Early Learning Centre for Sponsoring our event: <https://www.wallabychildcare.com.au/sanctuarylakes.html>

Reminder: This event is a Sanctuary Lakes Resident Event only.



## FOCUS GROUPS AND Q&A SESSIONS

**Reminder:** We are excited for the first of our 3 Focus Group Sessions, which kicks off this Saturday 29th February 2020. If you have registered for this session, please be sure to check your email over the next 48 hours, as you will be provided with further details. **Please note:** These sessions are only for lot owners who have registered their place for a specific date. The Public Q&A 'drop-in' sessions have been scheduled for both March 19th and 21st 2020, once the Focus Group Sessions have been completed.



## DUMPING OF HOUSEHOLD ITEMS ON GOLF COURSE

Sanctuary Lakes Golf Club is seeking your assistance to identify the illegal dumping of household items on the golf course, as well as the vandalism caused to the weather hut. The dumping and damage occurred on the evening of Saturday 8th or Sunday 9th of February behind the maintenance shed and near the 10th green of the golf course.

We want to eliminate dumping in the area to improve the amenity to all residents in the Sanctuary Lakes area.

Please respond to Neill at the below email address if you can assist.  
[nfitzpatrick@sanctuarylakesclub.com.au](mailto:nfitzpatrick@sanctuarylakesclub.com.au)

Please note that Wyndham City offer a free hard waste collection service.



# NATURE'S RUBIK



NATURE'S  
RUBIK

by Tom Parkinson

## WEEDS



This summer's weather, with hot humidity and sudden downfalls of rain has been ideally suited for the Sanctuary Lakes weeds. Presently they can be seen in riotous growth all over the resort, on the course, nature strips and gardens. Whether they're strangling your favourite flowering plant, prickling your feet, or just plain looking ugly, weeds can be the bane of every Sanctuary Lakes gardener. But what is the definition of a weed. Well generally they are plants that aren't wanted, but turn up anyway. The Government Botanists define weeds as species which, when introduced into the natural environment, are detrimental to our native plants, animals and ecosystems. Many of these plant/weeds were first brought to Australia deliberately and some are even still grown in gardens deliberately. It's when they spread beyond where they're purposefully sown that they become weeds. There are literally hundreds of weed species growing in Sanctuary Lakes, but I thought we could look at five of the most obvious and notable species seen in almost all of our gardens, on the fringes of the golf course and our nature strips. Starting with probably the most familiar weed of all, the Dandelion.

Common Dandelion is well known for its pretty yellow flower heads which turn into round balls of silver tufted seeds, that disperse in the wind. Their jagged leaves are 5–45 cm long and 1–10 cm wide, they are sharply tipped, with sparsely backward-pointing lobes. The name is derived via the French from the shape of their leaves, dent de lion or lion's teeth. The bright cheery flowers are on a single, smooth stem, the flower heads lack receptacle bracts and are called florets.



Common Dandelion *Taraxacum officinale*

What is probably not common knowledge is that Dandelion has a multitude of culinary uses. The flowers are used to make dandelion wine, the leaves can be eaten, cooked or raw in various forms, such as in soup or salad. They are probably closest in character to mustard greens. Usually the young leaves and unopened buds are eaten raw in salads, while older leaves are cooked. The roots when baked and ground into powder are used to make a coffee substitute. Thanks to their deep stubborn roots and the fun blowing round balls containing hundreds of seeds, the Dandelion has all but infested the fringe areas of our Resort. Perhaps we should try making them useful and harvesting them.

When working or touching weeds it is advisable to always wear gloves, no more so than when you are weeding Bindii. From personal experience, without gloves I weeded a small Bindii, within minutes an unpleasant rash started on my hands and face. Bindii is also dangerous to animals. Digesting the plant can make them quite ill. Bindii is well known for its prickly burrs which come off and stick to clothes, pets or the bottom of your shoes and feet. It also grows tiny bright yellow flowers (each with five petals) amongst its small, 1-2 cm fern-like leaves. It can spurt up during summer across our gardens and lawns as wide flat mats made of branching stems. While above ground it tends to grow horizontally rather than vertically, but underground its roots grow deep and secure. There is very little to recommend Bindii.



Bindii *Soliva sessilis*



## WEEDS



The Scottish Thistle or Herald Thistle takes its name from the folkloric value bestowed on the plants in Scotland, where the bright purple flower is the national floral emblem, one of pride and strength. Over here the thistles tell a totally different story. This is due to its prolific growth that quickly made it the most hated plant in Colonial Australia. In 1852 it was the first legally declared weed in the history of this country, Scotch Thistle generally has one main stem commonly 1-1.2 m with numerous branches and broad spiny wings covered with dense woolly hairs, giving a whitish appearance. Leaf margins of Scotch thistle are cut or toothed, spiny and undulating. Dense, white woolly hairs grow on the undersides of leaves. Rosette leaves are stalked and grow up to 40 cm long. Stem leaves are smaller and without stalks, extending into wings along the stems.

Scotch thistle florets are purple or mauve in heads surrounded by numerous spiny bracts (modified leaves at the base of flower). Heads are 2-6 cm in diameter, solitary or in groups towards the ends of the branches.

Seeds of Scotch thistle are 4-5 mm long, grey with dark mottling and are attached to a pappus (parachute) of toothed hairs or bristles up to twice as long as the seed. One plant is capable of dispersing over a thousand seeds a season.



Scotch Thistle *Onopordum acanthium*



Purslane *Portulaca oleracea*

The last few summers has seen Purslane or Pigweed or Hogweed or Penier de Plenty, further establishing itself into Sanctuary Lakes gardens and fringes of the course. While an Australian native and a popular food for Indigenous Australians who enjoy the fleshy leaves salty tang, Purslane family is widespread globally. Its use is documented from the Middle East by the ancient Persians, and it is still widely eaten as a cooked or salad vegetable in the Mediterranean.

The taproot is deep and helps loosen compact soils. The stem is succulent and grows flat to the ground. The small paddle shaped 1cm leaves grow subopposite or alternate to the stems. The tiny flowers are complete, bisexual and yellow. The Purslane plant can be a difficult weed to control. Much like a zombie, even after you think you have killed it, it can come back to life again and again. The best method for eliminating Purslane is by hand pulling and make sure you glean that deeply embedded tap root.



Serrated Tussock *Nassella trichotoma*

Finally, the Serrated Tussock which is a Weed of National Significance. Thanks to its tough perennial tussock-forming grass that can live for more than 20 years. It is regarded as one of the worst weeds in Australia due to its invasiveness, potential for spread, and economic and environmental impacts.

Serrated Tussock has a deep fibrous root system. It grows to a height of 600 mm with a maximum diameter at its base of 150 mm.

To continue reading this article please [click here](#).

# COMMUNITY NEWS



Dear Sanctuary Lakes Residents

We have been getting inquiries from past supporters of the Sanctuary Lakes Foundation (SLF) re what is it doing?

Are you still supporting young people with ambitions for their particular sport or artistic pursuit? Do you still intend to hold golf days?



We have recently changed the name to better recognise our demographic coverage. We have always operated across the western suburbs so the SLF name was rather ambiguous. We therefore changed the name to Young Achievers Foundation (YAF). Young Achievers was always our driving force, so the change came easy for us. Whilst making this change, we also applied for and received Deductible Gift Recipient (DGR) status from the ATO. This allows us to pursue direct donations which become tax deductible to donors thus providing another form of fundraising in the longer term.

The Foundation is alive and well and by popular demand the golf day is back in a format that suits many of you.

We look forward to seeing you at our Golf Day on Friday 20th March 2020, please see next page for the registration form.

For further information or enquiries feel please free to contact either of the following:

Stuart Todd – 0401 913 997

Graeme Glasson – 0419 108 565

You may also like to visit our website:  
<https://www.young-achievers.com.au>

Yours sincerely,  
Stuart Todd  
Chairman



## ANNUAL GOLF DAY *is back*

Friday 20th March 2020 · 11:00am Registration

All proceeds go to the Young Achievers Foundation who help support high performance individuals living in the west of Melbourne who are aspiring to be elite in their chosen discipline, be it sport or in the arts.

Timings for the day are as follows:

- |       |  |
|-------|--|
| 11:00 | Registration / Raffle Ticket Sales / Sausage Sizzle Pitching Competition<br><small>(Prize for Nearest to the Pin – small cost per try)</small> |
| 12:30 | Shotgun Start – 18 Hole Ambrose Golf Format  |
| 17:00 | Golfers start to return after completion of round  |
| 17:30 | Finger/Snack Food is served in Function Centre<br>Raffle ticket sales finish and Raffle Drawn  |
| 18:00 | Winners Announced  |

Book as an individual and we will put you into a team, or gather your friends and make up your own team of 4.

Pay a little extra as a team to become either a Bronze or Silver Sponsor of the event. Details on entry form.







## Young Achievers Foundation Golf Day

### Fri 20 March 2020 — 11:00am Start

Please select a package, complete details and return form together with payment by 9 March 2020 to:  
SANCTUARY LAKES CLUB, 70 Greg Norman Drive, Sanctuary Lakes VIC 3030

stuart.todd@ttsq.com.au · Stuart - 0401913997 or Graeme - 0419108565

Name		
Company		
Address		
Email	Mobile	Phone

**SILVER PACKAGE** Inclusive of Eight Players, sausage sizzle, quality finger food for eight, green fees, naming rights to a hole, name on the Foundation Honour Board, and vouchers for two rounds of golf at Sanctuary Lakes for eight people.

**BRONZE PACKAGE** Inclusive of four players, sausage sizzle, quality finger food for four, green fees, name on the Foundation Honour Board, vouchers for one round of golf at Sanctuary Lakes for four people. **SELECT A**

#### PACKAGE / TEAM

<input type="checkbox"/> Silver \$1000 (8 Players)	<input type="checkbox"/> Bronze \$600 (4 Players)	<input type="checkbox"/> Individual \$90 ea (1 to 4 Players)
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#### Name and Handicap · Yes or No (please circle)

1.	H:Y/N	5.	H:Y/N
2.	H:Y/N	6.	H:Y/N
3.	H:Y/N	7.	H:Y/N
4.	H:Y/N	8.	H:Y/N

*If you would like to hire a golf cart, please call the ProShop on 9394 9444 to book and pay (cost \$35 per cart).*

#### DINNER

Non players are invited to attend the after golf finger food at \$20 per person (beverage not included)

Booking Name	Number of people to attend
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Please add your name if paying with EFT PAYMENT: EFT BSB: 633 108 Account No: 136 235 686

Credit Card	
Card No	Expiry Date /
Name on Card	Signature

# COMMUNITY NOTICEBOARD

To advertise contact: [communications@sanctuarylakes.com.au](mailto:communications@sanctuarylakes.com.au)

\*conditions apply

## LEARN TO SWIM



## PLACES AVAILABLE FOR TERM 1 AT THE REC CLUB

*contact us now*  
**TO ENROL**



Contact reception for more information  
(03) 9394 9430 | [slrecclub@chm.com.au](mailto:slrecclub@chm.com.au)

  
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