



Byrne Environmental and Sustainability Policy

At Byrne Vineyards our vision is to be a leader in implementing sustainable business practices. Practice that minimise harm and maximise benefit to the environment and community, as well as future proofing our business for future generations.

We are committed to:

Preserving and maintaining the natural environment on our properties especially the Scotts Creek Wetland environment which is home to many rare and endangered species and is one of South Australia's largest natural wetland environments. Reducing our water usage as water is a scarce resource. Reducing our carbon footprint

Sustainability Goals:

- Preserve rare and endangered species that live on the properties
- Maintain good water quality in the wetland complex
- Reduce the abundance of exotic (non-native) species (both plant and animal)
- Maintain the health of old and young River Red Gum, Black Box and Lignum trees
- Preserve native flora and fauna habitats and breeding sites
- Reduce water usage and improve water efficiency on the farms
- Reduce greenhouse energy consumption in the vineyard and in wine packaging
- Develop community awareness and support

Key Achievements to Date

Brenda Park Scotts Creek Wetland Preservation Group formed in 1996 and work began with eradication of weeds, removal of motorbikes, horses and stock from the wetland area.

Removal of carp (exotic fish) began in 1997. Works programme in 2002 to put in place flow control structures fitted with carp screens allowing management of water to the wetland. 7.2 tonnes of carp removed in 2002 during a managed drying event.

In 2003 winning the River Murray Catchment Environment Award in 2003 for actions in preserving Scotts Creek Wetland. An accredited wetland management plan was developed in 2004 and updated in 2007 (the first in South Australia). A permanent wetland water licence was obtained in 2005 (the first in South Australia).

In 2005 acknowledged by the SA Great Awards – Science & Environment.

South Australian Research Development Institute (SARDI) conducted a major fish study in 2011 at the Wetlands.

In 2010 Certification to Freshcare Environmental Code of Practice, the Australian recognised Environmental Standard (ISO14001).

In 2012 major vineyard irrigation upgrade on the Scotts Creek property co-funded by Federal Government Grants to reduce water consumption and associated power consumption. This has provided permanent water savings of 240ML per annum providing a water efficiency gain of approximately 20-30% without impacting yields as well as reducing peak energy from 520KVA to less than 400KVA.

In 2012 we began bottling our wines in Europe for our European customers which is greater than 50% more efficient in freight thereby reducing our carbon footprint.

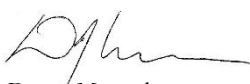
In 2013 Byrne was awarded the South Australian Wine Industry Award for Water Sustainability and its preservation work at Scotts Creek.

In 2014 Byrne was a finalist in the United Nations World Environment Day Awards in Excellence in Water Management.

Wines made from 2014 onwards are Vegan and Vegetarian friendly with the elimination of animal based substances in the winemaking process.

Future Objectives

- Preservation and installation of breeding habitats for the rare and endangered species on the Scotts Creek Wetlands.
- Further irrigation upgrades on other Byrne properties to improve water efficiency and reduce green house power consumption.
- Ongoing biological surveys on the Wetlands to monitor the health of the native species and in particular rare and endangered species.
- Consideration of green energy use where applicable.
- Consideration of more environmentally friendly wine packaging options.
- New or replacement vineyard plantings using Eco-Trellis system
- Use of recycled materials from vineyards in signage and fencing where applicable.
- Eco-tourism facilities at Scotts Creek to expand community access and education of the Scotts Creek Wetlands.

Danny Macmahon
Chief Executive Byrne Vineyards, January 5, 2015

