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CLIENT CASE STUDY

# Aquaria Water X Iron Gate Estate

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Aquaria Water Systems® Pty Ltd

Address: Sydney, Australia

## “BEST TASTING WATER”

*“Aquaria water is perfect for wine tasting as the flavour and sensations of the wine are not affected by it. This is integral not only to those tasting the wine but for those producing it – our winemakers, for whom it’s important nothing alters their senses while tasting.”*

GAVIN KUO

GENERAL MANAGER, IRONGATE ESTATE

## AQUARIA WATER

After researching alternatives to bottled water, Iron Gate trialled the Aquaria Water 20 litre atmospheric water generator.

The multi-layered filtration system purified the water, resulting in what Gavin calls ‘the best tasting drinking water on the market’, free from microplastics and other contamination – something important to the team at Iron Gate.





*"Sustainability is fundamental to all that we do. Aquaria Water has alleviated the need for us to purchase and truck in bottled drinking water. Now we let our eco-friendly water system do the hard work."*

**GEOFF BROADFIELD**

HEAD WINEMAKER, IRONGATE ESTATE

**2 million**

plastic bottles are consumed every minute worldwide

**8%**

of global greenhouse gas emissions are caused by freight transportation yearly, and its carbon emissions are projected to double by 2050

**\*2 million**

Australians (8% of our population) do not have access to clean water. Those affected by contaminated or lack of water supply have a significantly higher risk of health issues.

Aquaria Water's atmospheric water generator saves Iron Gate Estate

**10,000**

500ml water bottles annually

\* = approximately



## IRON GATE ESTATE

Iron Gate Estate is a 25-acre Pokolbin vineyard with a well-appointed winery, cellar door and a strong focus on embracing sustainable and socially equitable practices.

Head Winemaker Geoff Broadfield is passionate about making quality wines on-site from vine, to pressing, to barrel to bottle, with precision-crafting equipment brought in from Italy.

Growing the well-known Hunter Valley white varieties of Semillon, Chardonnay and Verdelho and reds including Shiraz, Cabernet, Tempranillo and Albarino, Iron Gate Estate that reflect their varietal characters and have reduced sulphites.

## CHALLENGE

Over the last five years, extreme weather events created periods where Iron Gate was unable to access the bottled water it was having delivered for winemaking and tasting in the cellar door.

Initially, this led to frustration and an obstacle to making quality wine and offering an outstanding tasting experience. Longer term however, it was a catalyst for change, with both Geoff and General Manager Gavin Kuo realising the need for a superior product with a smaller carbon footprint.

**Using Aquaria Water's generator, Iron Gate was able to:**



Eliminate the need for transportation of the bottled water, with transportation a leading contributor of global greenhouse gas emissions.



Enhance the winetasting experience by providing pure water for swilling with a neutral pH level



Offset plastic bottle recycling by over 10,000 500ml bottles per year, and



Protect the business against unreliable water delivery and delivery disrupted by natural disasters and extreme weather events which are increasing in occurrence.