

Aquarevo – Disclosure Statement

This document details South East Water’s initiatives at the Aquarevo estate and provides purchasers with relevant information when purchasing about the unique water supply and sewerage solution provided to each home at Aquarevo. This document provides a summary only, and prospective purchasers must refer to the Aquarevo Design Guidelines, the Contract of Sale and the South East Water Conditions of Connection for full details.

South East Water

South East Water is the government owned utility charged with responsibility to deliver essential water and sewerage services to the people of Melbourne’s south east.

Former use of land

The land being developed at the Aquarevo estate was the former Cranbourne Purification Plant until it was decommissioned in the early 2000s. Following site remediation, a Certificate of Environmental Audit was obtained on 30 September 2011, stating the site is suitable for all beneficial uses and land uses, including low density residential. Subsequently, the land was rezoned as residential.

Prior to commencing the Aquarevo development, a second environmental audit report was completed in May 2016. It determined that the findings of the original audit remained valid as there had been no changes to the environmental condition of the land since that time.

Sources of water

At Aquarevo, each home is supplied with three water sources:

 1. Drinking water	 2. Class A recycled water	 3. Rainwater
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Each water source has been specifically chosen for its intended use and is supplied according to relevant regulations and guidelines.

	Kitchen	Bathroom	Laundry	Outdoor
Drinking water	<ul style="list-style-type: none"> → Sink (hot/cold taps) → Dishwasher → Fridge/ice-maker 	<ul style="list-style-type: none"> → Basin (hot/cold taps) → Shower (cold tap) → Bath (cold tap) 	<ul style="list-style-type: none"> → Laundry trough (cold tap) → Washing machine* (cold tap) 	<ul style="list-style-type: none"> → Front yard tap 1 → Backyard tap (optional)
Rainwater		<ul style="list-style-type: none"> → Shower (hot tap) → Bath (hot tap) 	<ul style="list-style-type: none"> → Laundry trough (hot tap) → Washing machine* (hot tap) 	
Recycled water		<ul style="list-style-type: none"> → Toilet 	<ul style="list-style-type: none"> → Washing machine* (cold tap, preferred option) 	<ul style="list-style-type: none"> → Front yard tap 2 → Backyard tap

*Your laundry will be plumbed with all three water sources. For the washing machine, rainwater will supply hot water and for cold water, choose from drinking water or recycled water.

Drinking water

In an Aquarevo home, drinking water taps are supplied with the same quality drinking water as that supplied throughout metropolitan Melbourne and is recommended for all drinking and food preparation.

Hot and cold drinking water will be supplied to the sinks (kitchen and bars), basins and dishwasher.

Cold drinking water will be supplied to the fridges, laundry trough, clothes washing machine and to the front yard tap. Cold drinking water supply to the back yard taps is optional (please refer to your builder).

Recycled water

Recycled water is produced from the wastewater that leaves your home, undergoing treatment at a water recycling plant so it can be used again or sent back into the environment. Class A is the highest quality recycled water available, and undergoes significant and rigorous treatment before it is provided for reuse. Although it's not suitable for drinking, it's ideal for flushing toilets, for the clothes washing machine and watering the garden. Class A recycled water is produced to guidelines approved by Environment Protection Authority Victoria and endorsed by the Department of Health and Human Services. Its pipes and fittings are distinguished by their purple colour.

Onsite water recycling plant

In future, Aquarevo will have its own onsite, fully enclosed, water recycling plant to treat wastewater from all houses in the Aquarevo estate and return it as Class A recycled water. Until this is built, recycled water in Aquarevo will be sourced from the existing recycled water supply delivered to properties in the neighbouring estate at Marriott Waters.

Rain to hot water system

There will be two hot water systems for each house in the Aquarevo estate. Heated drinking water for food preparation or other human consumption will be supplied to all sinks (kitchen and bars), fridges, dishwasher and basins via a hot water system installed by your builder. You will be responsible for the ongoing maintenance and operation of this hot water system.

In addition, at each house in the Aquarevo estate, rainwater will be captured from the roof and collected into a 2,400 litre capacity rainwater tank. This rainwater will be heated and provided for non-drinking purposes and will supply the hot water taps in the shower/s, bath, laundry trough and clothes washing machine. The rain to hot water system (described in detail in the Aquarevo Design Guidelines) feeds rainwater through guards and screens, and undergoes filtering and treatment before it passes into a hot water system and into the home. Drinking water will be automatically supplied to the hot water system as a back-up if there is no rainwater in the rainwater tank. Hot water taps connected to the rain to hot water system will be clearly marked.

All rainwater equipment relating to the rain to hot water system (including leaf filtering systems and downpipes) and rain to hot water equipment (to the outlet of the rainwater hot water unit) will be supplied and installed by South East Water. This equipment remains the property

of South East Water. The gutter guard will be supplied by South East Water and installed by the builder. The homeowner is responsible for maintaining the roof and gutters. As the roof is used as a rainwater catchment there must not be any modifications e.g. for satellite dishes, etc., that could impact on the rainwater catchment and therefore the quality of water. Please refer to the Aquarevo Design Guidelines.

South East Water will maintain and operate the products and features provided for the rain to hot water system for a period of 10 years. The ownership, operation and maintenance responsibilities will be reviewed after 10 years from the date of first installation and these conditions will be amended by South East Water as necessary to reflect any new arrangements in relation to the rain to hot water system.

Tank Talk®

The rainwater tank also features South East Water's Tank Talk® wireless technology, which collects weather forecast data from the Bureau of Meteorology to identify when heavy rain is due. Tank Talk® uses this information to release water from the rainwater tank into the stormwater drain before rain arrives, creating room to capture new rainwater while reducing overflows onto properties or into streets, and reducing the risk of flooding to local waterways.

Pressure sewer system

At Aquarevo, South East Water will manage and be responsible for a pressure sewer system. This consists of a pump and a tank unit (or pod), which is located below ground in the front corner of the property and collects wastewater. The pressure sewer system uses OneBox® technology, which will monitor wastewater levels in the pod and periodically

pump it away into the sewerage system and onto a water recycling plant for treatment.

Home owners will be responsible for the sanitary drain line from the house to the South East Water pod. The pressure sewer system is the property of South East Water.

Access to usage information via an app

Aquarevo customers will be able to access leading edge technology that can help residents monitor near real-time water use and energy use (depending upon your supplier) through a smartphone/tablet app.

The near real-time usage information these technologies provide will help residents to manage and reduce water use and energy use.

OneBox® technology

Developed by South East Water, OneBox® is a small, white device (about the size of a small cereal box) that will be mounted on the exterior of each Aquarevo home near the power meter box. The OneBox® monitors all water use in the home and controls the estate's overall pressure sewerage system. Its technology will:

- allow South East Water to remotely monitor and control the pressure sewer network and regulate sewer flows – reducing spills into the environment
- track and monitor household water use (drinking water, recycled water and rainwater)

- control Tank Talk®, South East Water's rainwater tank technology that gathers data from the Bureau of Meteorology, and decide if and when water should be released from the tank prior to a rainfall event to help reduce stormwater flooding
- control and monitor the water supply to the hot water system
- control and monitor the temperature of hot water leaving the hot water unit, to ensure it remains at the programmed temperature.

Mondo™ Ubi™ technology

Supplied and installed by South East Water, this device is similar in size to OneBox® and will track and monitor your household's solar power generation as well as household energy consumption (to help you better manage your energy usage and costs).

South East Water supplied products

All products supplied by South East Water are owned, operated and maintained by South East Water unless otherwise noted. This includes the:

- rain to hot water system, which comprises a rainwater tank, hot water unit and the connecting pipe work between these
- rainwater filter and UV treatment unit
- OneBox[®] technology for monitoring water usage and controlling the pressure sewer network

- Tank Talk[®] rainwater tank technology, which collects forecast data from the Bureau of Meteorology and decides if and when water should be released from the tank prior to a forecast rainfall event to reduce stormwater flooding
- pressure sewer system (pod and pump unit)
- Ubi[™] technology, which is made and serviced by Mondo[™] and supplied by South East Water

South East Water access to your property

South East Water will need regular access to all equipment installed for maintenance and water sampling activities and to ensure that the water and sewerage systems are working safely and effectively. This means South East Water personnel will need to come onto the property more regularly than they would to read a water meter. Where these

products are behind a fence or gate – including the rain to hot water system and the OneBox[®] – the resident will need to ensure access is provided. If necessary a mutually agreed time with the homeowner will be arranged. Please refer to the Aquarevo Design Guidelines as to placement of the rain to hot water system and the OneBox[®] on your property.

Other initiatives

The Aquarevo Design Guidelines also provide for all homes in the Aquarevo estate to have solar panels and a broadband connection. South East Water is not involved in, and takes no responsibility for, electricity supply or the broadband connection.