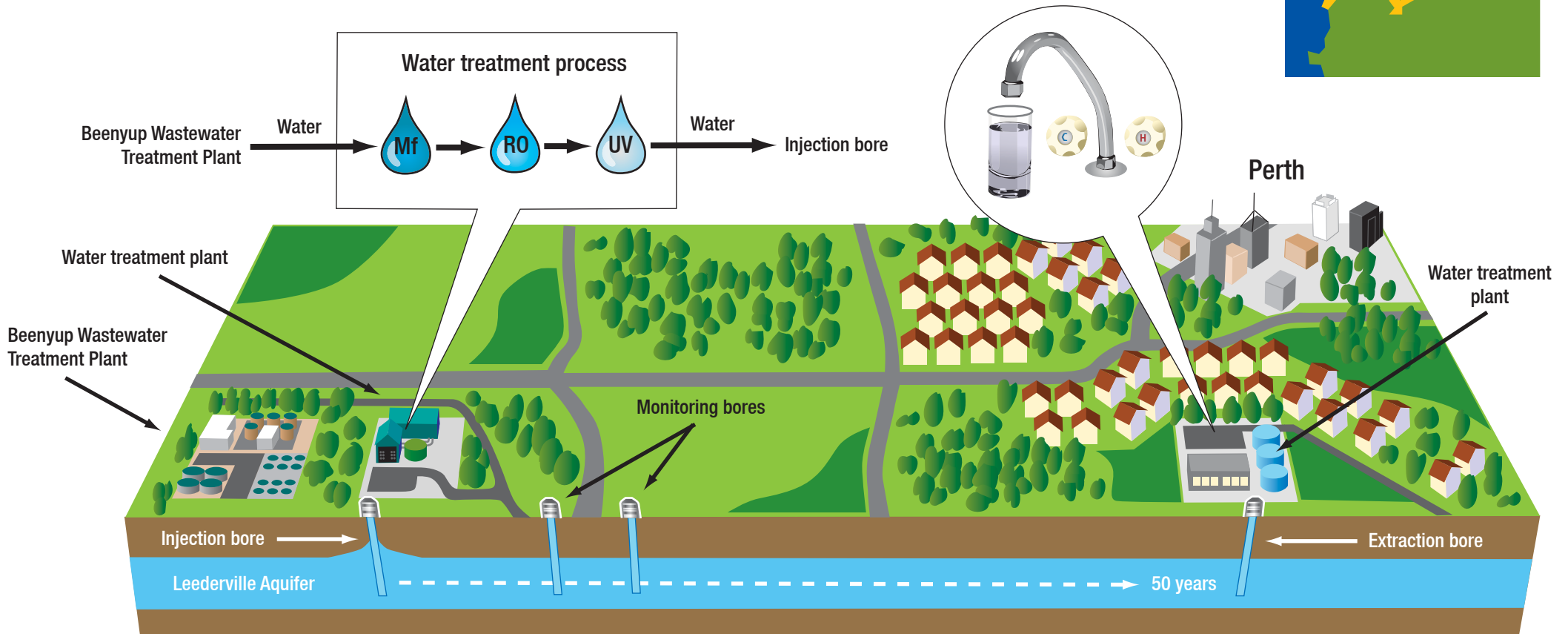


Beenyup Reverse Osmosis Groundwater Replenishment Project

The project will trial purifying water from the Beenyup Wastewater Treatment Plant, via microfiltration (Mf), reverse osmosis (RO) and advanced oxidation (UV treatment) to produce very high quality water for recycling. The water will then be injected into the Leederville aquifer at a location remote from existing drinking water bores where the water quality will be further improved by natural groundwater processes, and replenish groundwater safely to provide 1.5 billion litres of additional water for Perth's groundwater aquifers.



Detailed monitoring of the water produced by the plant and the groundwater will be undertaken. The pilot will demonstrate that it is a safe and sustainable water source option for Australia.



Australian Government Water Fund
Water Smart Australia

