

SALESFORCE TOWER

415 Mission Street, San Francisco CA 94105



Salesforce Tower is the tallest building in San Francisco, at 325 metres, the construction provides scale never before seen in the city. Continuing the theme of scale, Salesforce Tower features the largest in-building water recycling system in the United States; an Aquacell.

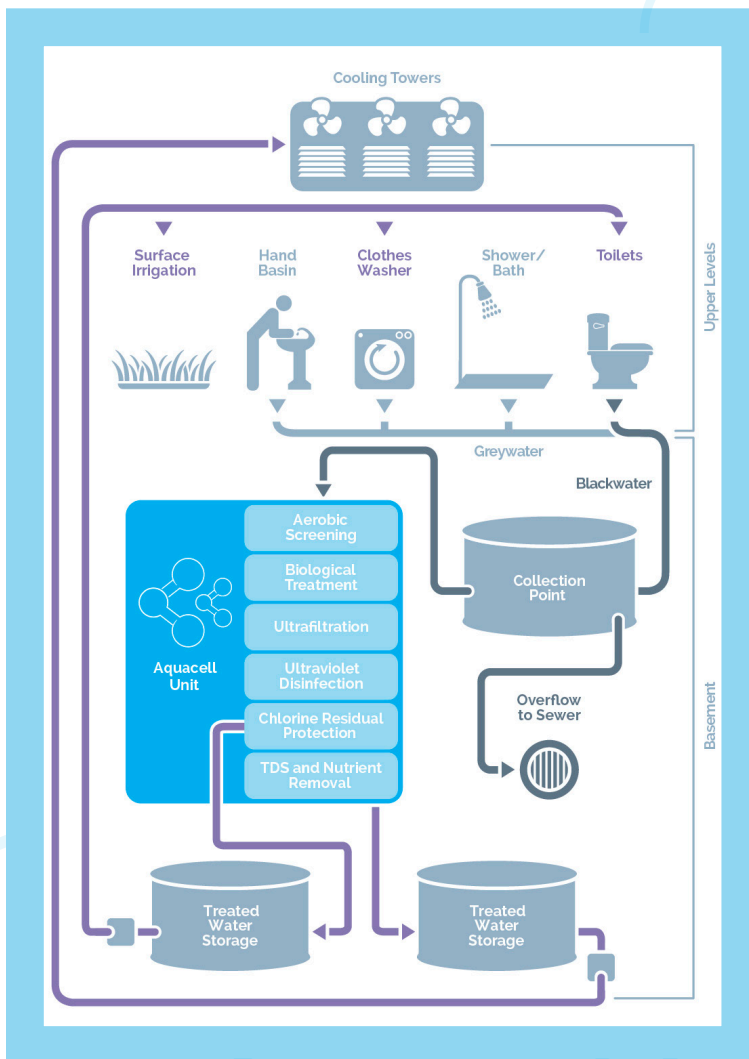
The tower has been constructed in alignment with Salesforce's corporate mantra of sustainability, considering the environment a key stakeholder. As such, the Aquacell system has been designed to reduce the potable water consumption of the building by the equivalent water usage of 16,000 local residents.

The blackwater system at Salesforce Tower is designed to treat 150kL/day of blackwater and utilises a series of processes to treat contaminated wastewater for reuse in toilet flushing, drip irrigation and cooling towers. The onsite non-potable reuse of recycled blackwater fulfils the rigorous sustainability and advanced technology requirements of Salesforce; a global leader in corporate sustainability.

The recent mandate for onsite non-potable reuse of water in new building over 250,000 ft² in San Francisco seeks to secure the water sources for the city in the future. Despite the mandate, Salesforce have gone above and beyond the legislative requirements of the City of San Francisco, to ensure their new landmark headquarters are at the forefront of sustainability.

| Model | Aquacell | Aquacell S150 |
|-------------------|---|---------------|
| Nominal capacity | Kilolitres / day | 150 |
| Wastewater Source | Total wastewater | Commercial |
| Water Quality | To San Francisco Public Utilities Commission and San Francisco Department of Public Health requirements | |

| Parameter | Influent Water Quality | Treated Water Quality |
|---------------------------------------|-----------------------------------|-----------------------|
| Biochemical Oxygen demand (BOD), mg/l | 300 | <1 |
| Suspended solids, mg/l | 300 | <1 |
| pH | 6.5-8.5 | 6.5-8.5 |
| Oil and grease | <50mg/l | <1mg/l |
| Faecal coliforms cfu/100ml | 10 ⁶ - 10 ⁸ | <1 |
| E. Coli, organisms/100ml | 10 ⁶ - 10 ⁸ | <1 |



Aquacell is responsible for the approvals, design, manufacture and commissioning of the system at Salesforce Tower. This provides a complete beginning-to-end solution for our customer.

The building has been plumbed with a dedicated purple-pipe network, solely for recycled water. This is an important consideration in ensuring there is no possibility for cross-connections in the piping. Along with the purple-pipe network, there are physical air-gaps between potable (drinking) water streams and non-potable (recycled) water streams.

Use of recycled blackwater at Salesforce Tower 'reinforces the notion that businesses can be powerful platforms for change'. The building has been LEED® Platinum certified, one of the highest standards of environmentally sustainable design.

The project is the first example in the United States of collaboration between a city government, a building owner and a tenant to support blackwater recycling in a high-rise commercial building.

Aquacell is a world-leader in commercial water recycling. With installations and ongoing operations within Australia and the United States of America, we are renowned for our regulatory, process and design expertise. Having worked with some of the world's largest and most recognisable companies, we've been pioneering the world's most advanced commercial and industrial water recycling technology for over a decade.

With regulatory experience across various frameworks, we pride ourselves on our ability to provide recycled water for non-potable reuse, no matter what the framework. Put simply, we provide a solution for your otherwise wasted water. We believe that water should be used more than once. It is our most precious resource and is at the core of the circular economy, so why lose it when you can reuse it?

Contact us on (02) 4721 0545 or info@aquacell.com.au to find out more about what we can do for you.