

consulting

systems

projects

operations



# New Developments

## New Residential Developments and Communities: **One Recycling Solution.**

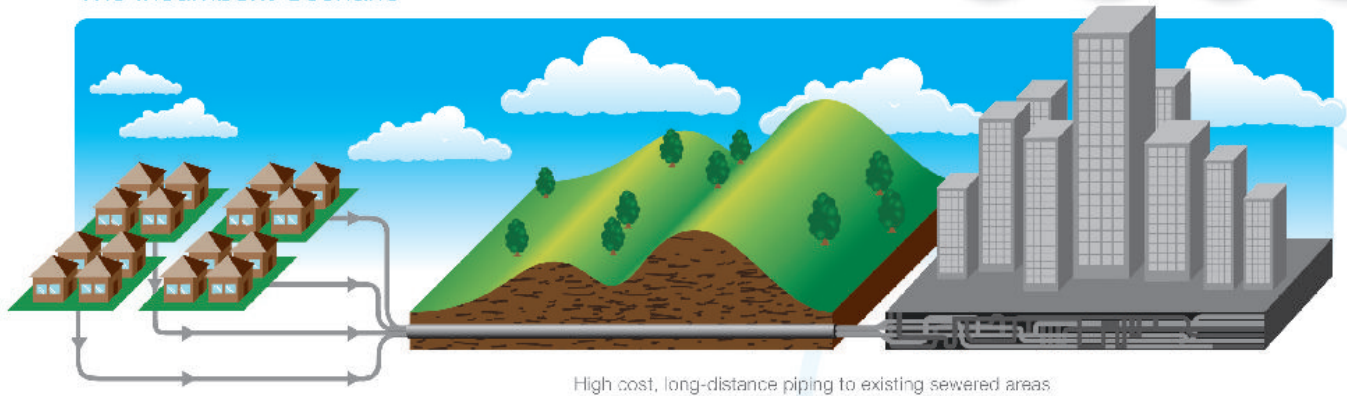
### Why lose it when you can re-use it?

It's well known that water and sewerage are both essential components for the development of new communities. Of course, we also know how hard it is to harness the former and optimise the latter! With Aquacell's water recycling systems, developers have the opportunity to save money and water through an integrated approach to water use.

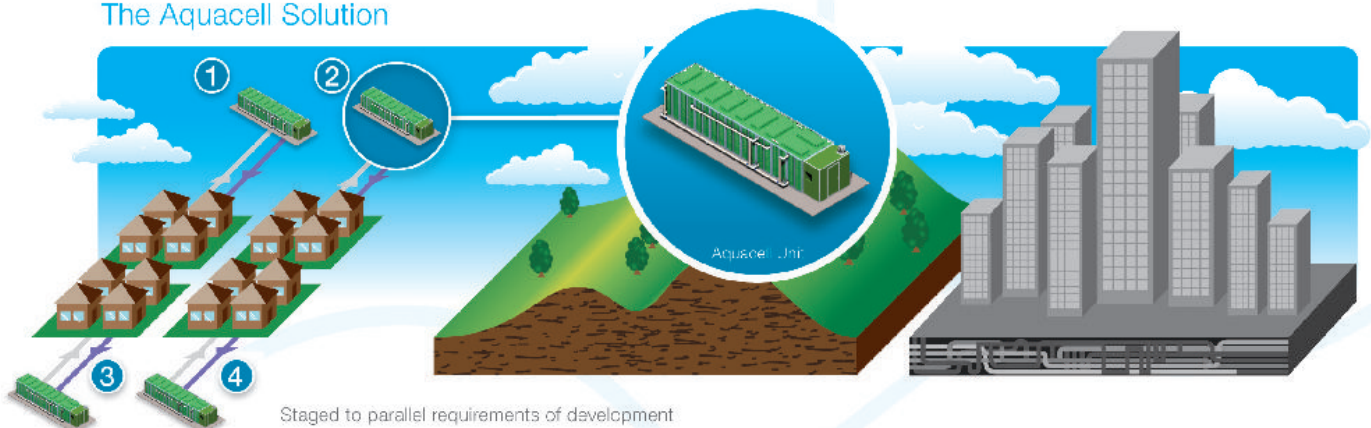




## The Incumbent Scenario



## The Aquacell Solution



### A new approach

Traditionally it has been the role of governments to provide centralised water and sewerage infrastructure, often with little regard for recycling. Yet as populations increase, so too does the need for water and sewer services.

Recycling is an important part of the solution, and is often much easier to provide as a decentralised scheme, rather than by augmenting centralised municipal plants.

#### Reduced upfront cost to help your cashflow:

Recycling with an Aquacell system gives you the ability to stage the cost in parallel with the building program if required.

**Control your destiny:** Choosing an Aquacell system means that developers are able to implement their own system independent of central utilities (subject to local regulations).

**Lower operating cost:** It often costs less to operate the Aquacell than the significant fees from water utilities for ongoing sewer access. The other advantage is that potable water consumption will be reduced by recycling, further reducing charges.

**Sustainability:** By reducing potable water demand, less pressure is placed on the potable water supply.

**Greenhouse gas reduction:** Because water is recycled on-site, pumping distances are reduced.

**Amenity:** Recycling for landscaping will improve green gardens and lawns, which improves the visual appeal and property values year round.

Aquacell Pty Ltd has delivered numerous localised blackwater treatment/recycling solutions across Australia. We have the experience and knowledge to navigate complex regulatory frameworks and ensure that positive blackwater recycling outcomes are achieved.

### Complete confidence and support

Built in control logic and instrumentation continuously react to the ever-changing quality of effluent without an on-site operator. Expertly trained Aquacell engineers remotely monitor all systems via the Internet, twenty-four hours a day, seven days a week.

### Regulatory compliance

Data acquisition and compliance reporting is built into the Aquacell system from the ground up.

All our systems are backed by expert knowledge, service and maintenance support. This is our ongoing guarantee to ensure your peace of mind.

### The Aquacell approach

Aquacell proprietary technologies are employed for applications such as cooling tower re-use and discharge to sensitive environments.

Our unique modular technology is utilised in the Aquacell range. We emphasise aesthetic design, with low noise and no odour. Your environment will be enhanced by the inclusion of an Aquacell system.

Our systems use either a single source or combine water from a range of possible sources for a range of uses. The best option depends on the site.

#### Sources:

- Greywater
- Blackwater
- Bore water
- Stormwater
- Rainwater
- Swimming pool backwash

#### Uses:

- Irrigation
- Cooling towers
- Washdown
- Environmental flows
- Toilet flushing
- Car washing
- Laundries

### For further information

Please contact Aquacell Head Office on 02 4782 3300 or email [sales@aquacell.com.au](mailto:sales@aquacell.com.au).