INNOVATIVE & SUSTAINABLE SOLUTIONS

for your waste water

For more than four decades, Reana Developments has been the trusted name behind the creation of premium quality residential communities all along Australia's Eastern Seaboard.

Although set in diverse locations from North Queensland to Sydney, these residential communities share one common thread: Reana's untiring commitment to excellence & innovation in design, construction & ongoing management.

With their extensive parklands, wide open streets, welcoming entry ways & extrass like sporting fields, Reana communities offer a desirable lifestyle for people in all stages of life … a community anyone is glad to call home & where thousands of residents have enjoyed outstanding capital growth.

However, the world is changing & businesses, councils & individuals must evolve to keep pace. Always at the forefront of evolution, Reana Developments now proudly incorporates Reana Wastewater Solutions, the name you can trust for the supply, installation & management of sustainable wastewater management systems in areas not connected to trunk mains.

Reanawastewater
SOLUTIONS

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the name you can trust

At the helm of Reana Developments is Managing Director James Read, a veteran of the property development industry who's a former NSW State President, National Director & now Life Member of the Housing Industry Association (HIA). Jim has also been active in the UDIA & myriad other business, property and community groups.

Throughout Jim's 40 year career, he's always looked at the "bigger picture" - to identify needs & potential problems for communities & the industry as a whole, rather than focusing solely on his own business.

Reana Wastewater Solutions was born when Jim identified a need for reliable & sustainable wastewater management systems in rural, remote & regional areas not connected to sewage trunk mains. His investigations in these communities revealed schools, retirement villages, taverns & others who were limping by with sub-standard, unhygienic & unsustainable systems for treating their sewage.

Jim set about to find a better way & is now proud to introduce sewage treatment systems that will stand the test of time, safely, hygienically & for the betterment of the communities & environment in which they are created.

TROPICAL RESORT ISLAND UTILISING **Waste2Water** SYSTEM

Turn Your Treated Sewage Into Quality Recycled Water

Waste2Water uses the Hiclear Wastewater Treatment System for the on-site treatment of sewage into high quality recycled water for a range of uses such as watering golf courses, dust suppression on construction sites or in mining villages, streetscapes, & the watering of parks, gardens & playing fields.

It's ideal for diverse applications from resorts to shopping centres, apartment blocks or caravan parks - treating sewage from 20 people up to a million!

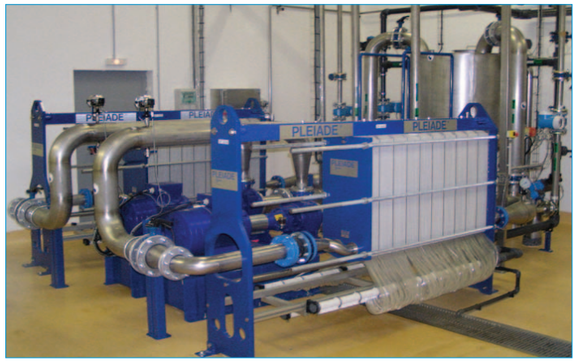
The system is totally enclosed & feeds sewage via a gravity system through tanks made of fibreglass reinforced plastic which are durable, elastic, watertight & resistant to corrosion. The gravity system eliminates the need for large pumps & is therefore energy efficient & minimises greenhouse gas emissions.

Waste2Water is in fact totally odour-free & can be built underground, above ground or under buildings & in carparks. In many cases, people will not even notice the tanks that are working away on-site - possibly under the lush green grass of sporting fields!

The end result is A Class or A+ Class water for non-drinking purposes. A Class water is clear good quality odour-free water & A+ Class is the top Class of recycled water, highly treated to meet stringent environmental & health guidelines. If you don't require such high quality water, we can treat your wastewater to a Class suitable for your re-use purposes.

SYSTEM IN BASEMENT CARPARK ~ MULTI-STOREY BUILDING

WASTE 2 water



A System To Suit Your Needs

Our technology has been carefully developed to meet stringent regulatory requirements & reliably treat sewage to required standards, while being economical, compact & low maintenance.

The advanced modular design means each system is individually designed & constructed to suit the site & the project requirements. We can build modular sewage treatment plants of any size, virtually anywhere & virtually any size. The system can be easily expanded with extra modules to increase the treatment capacity from 20 people up to any number without affecting the integrity of the system or the quality of the recycled water.

Systems can even be dropped in over existing sewage treatment systems to reuse wastewater in local areas or we can do sewer mining in which we mine into an existing trunk sewer main.

The standard module construction allows for easy installation as well as trouble-free process & flow upgrades.

Waste2Water Is Ideal For:

- Hotels & Resorts
- Factories
- Apartment Buildings
- Golf Courses
- Army Camps
- Universities
- Large Construction Sites
- Recreation Areas
- Restaurants
- Shopping Centres
- Office Buildings
- Sewer Mining
- Caravan Parks
- Mining Sites
- National Parks

Waste2Water: Benefits At A Glance:

- Plants can be built anywhere, any size;
- Can be built under carparks, in basements & under sporting fields;
- Can be dropped in over existing systems to reuse wastewater;
- Plants are automated & only require 2-3 hours of housekeeping a week;
- Energy efficient as most flow through the plants is powered by gravity;
- Avoid the high energy costs & greenhouse gas emissions of traditional methods of pumping sewage over long distances;
- Allows water reuse therefore water-saving;
- Environmentally friendly;
- Features SCADA (Supervisory Control & Data Acquisition) to automatically manage & remotely monitor all aspects of the system. This greatly reduces the hands-on operation & maintenance by the client or agents, while allowing faults to be identified & repaired quickly;
- Meet stringent regulatory requirements;
- Economical & compact;
- Plants are totally enclosed & produce little or no odour;
- Simple treatment process & fully automatic controls;
- Require minimum operator attendance & maintenance;
- Small footprint reduces land use;
- Designed for above & below ground installations;
- Efficient fluid flow under gravity eliminates the need for large pumps.

Want to know more?

We'd be happy to speak to you over the phone or meet you on-site to discuss your potential needs & our solutions. Call or email us today & we will start you on the path toward more sustainable & smart management of your wastewater.

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