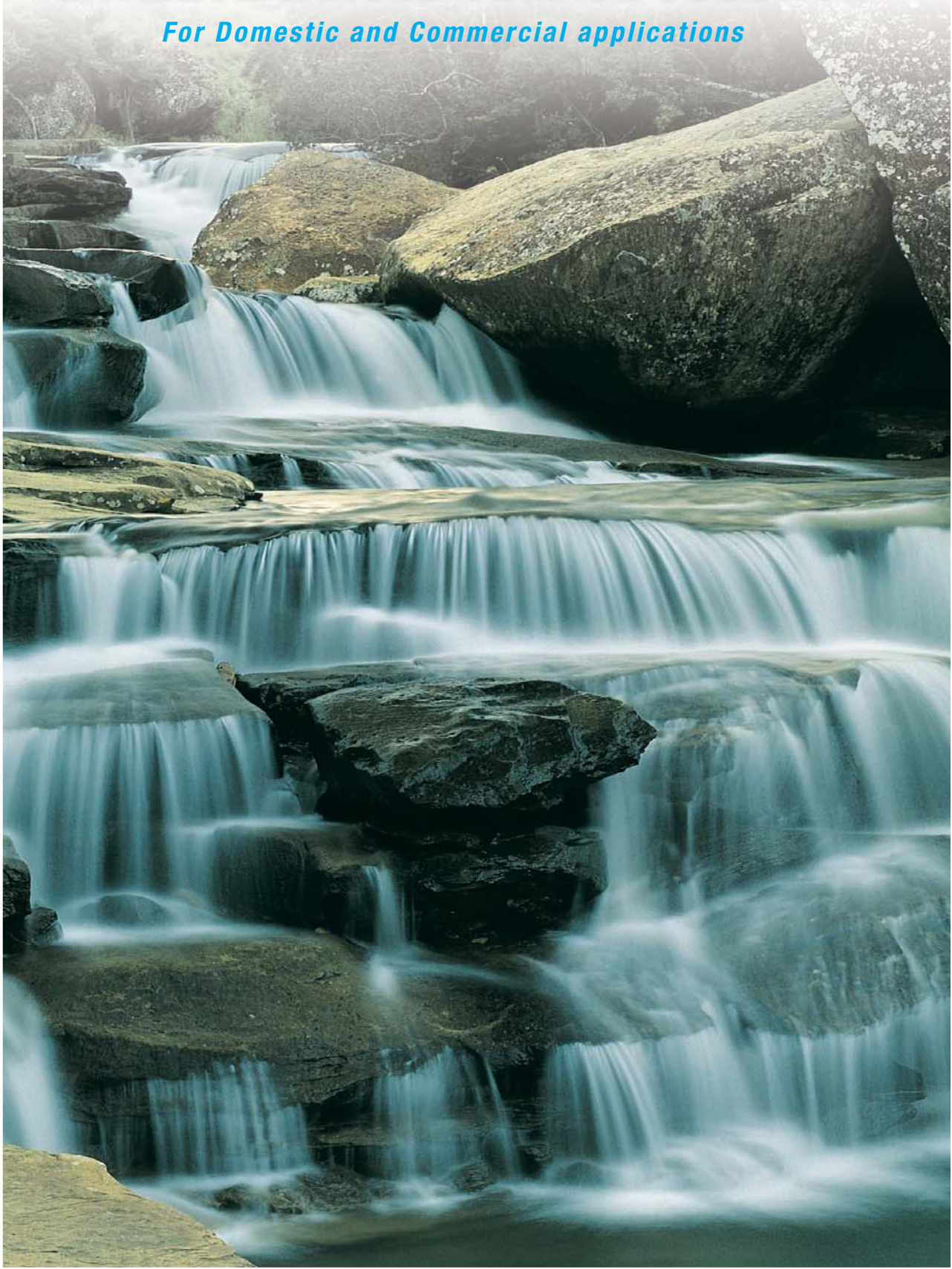


*'The Evolution
Continues...'*

TEXASS

TEXTILE ADVANCED SEWAGE SOLUTION

For Domestic and Commercial applications



**Developed
in the USA**
**Perfected and
manufactured in
NEW ZEALAND**



Developed in the USA and perfected in New Zealand, the Texass (Textile Advanced Sewage Solution) utilises a textile media to **efficiently filter** the effluent over multiple passes, finally producing **a very high quality** end product that is **ideal for irrigating** lawns, gardens and tree lots.



Texass Textile Advanced Sewage Solution

There have been various approaches to treating and filtering effluent over the years, the basic septic tank relying on simple settling out of solids with anaerobic action to clean the liquid before finally emptying back into the soil via ground seepage, filtering through sand or gravel.

This old process results in only 20% of the treatment happening in the tank with the result that the released liquid is still unclean, and accordingly unhealthy for both the environment and ourselves.

Today Government and local bodies are charged with keeping our environment and its ecology as pristine as possible. Regulations require any installation that handles the treatment of sewage will perform to approved standards, efficiently and effectively, day in - day out... and the final product must achieve certain measurable standards before it re-enters our environment.

Working with proven American designed technology, Oasis Clearwater has perfected Texass, a textile filtering system that efficiently cleans the effluent through recirculation. After passing through solids settling and small particle filtering compartments, the effluent is pumped and sprayed several times through the unique textile filter.

Each pass cleans the liquid further until it is at the appropriate quality for dispersing through the irrigation system. The resulting irrigation water easily exceeds both New Zealand's and Australia's stringent standards for the disposal of wastewater.

The Texass unit is manufactured as a complete unit in our plant. Apart from installation, there is no onsite construction needed and the small footprint, below-ground-tank ensures there is a minimal impact on the landscape.

Six key reasons why people prefer the Texass process

Rugged durability and performance...

All the system components are of the highest standard for years of worry free operation.

The textile filtering media is manufactured to a consistent quality - essential for a high performance sewerage treatment plant.

Texass units are contained in specially designed, concrete tanks, however, where the installation access is difficult, we can supply purpose designed polypropylene tanks.

Easy installation...

Relative to some other systems, the Texass system is straight forward to install with no expensive back fill materials needed and no labour intensive techniques required.

Installation is carried out by our trained installers, including commissioning.

Each Texass installation has a 2 year warranty on all aspects of the system when installed by our qualified installers.

Size does matter...

In our case it's small!

Because the Texass system is so efficient, the overall size is more compact. This reduces excavation and disruption at the time of installation.

Economical operation...

The Texass system is cost effective to run.

The textile filtering media is manufactured to a consistent quality and unlike sand (used in some systems to filter effluent) its superior efficiency means performance can be assured from day one.

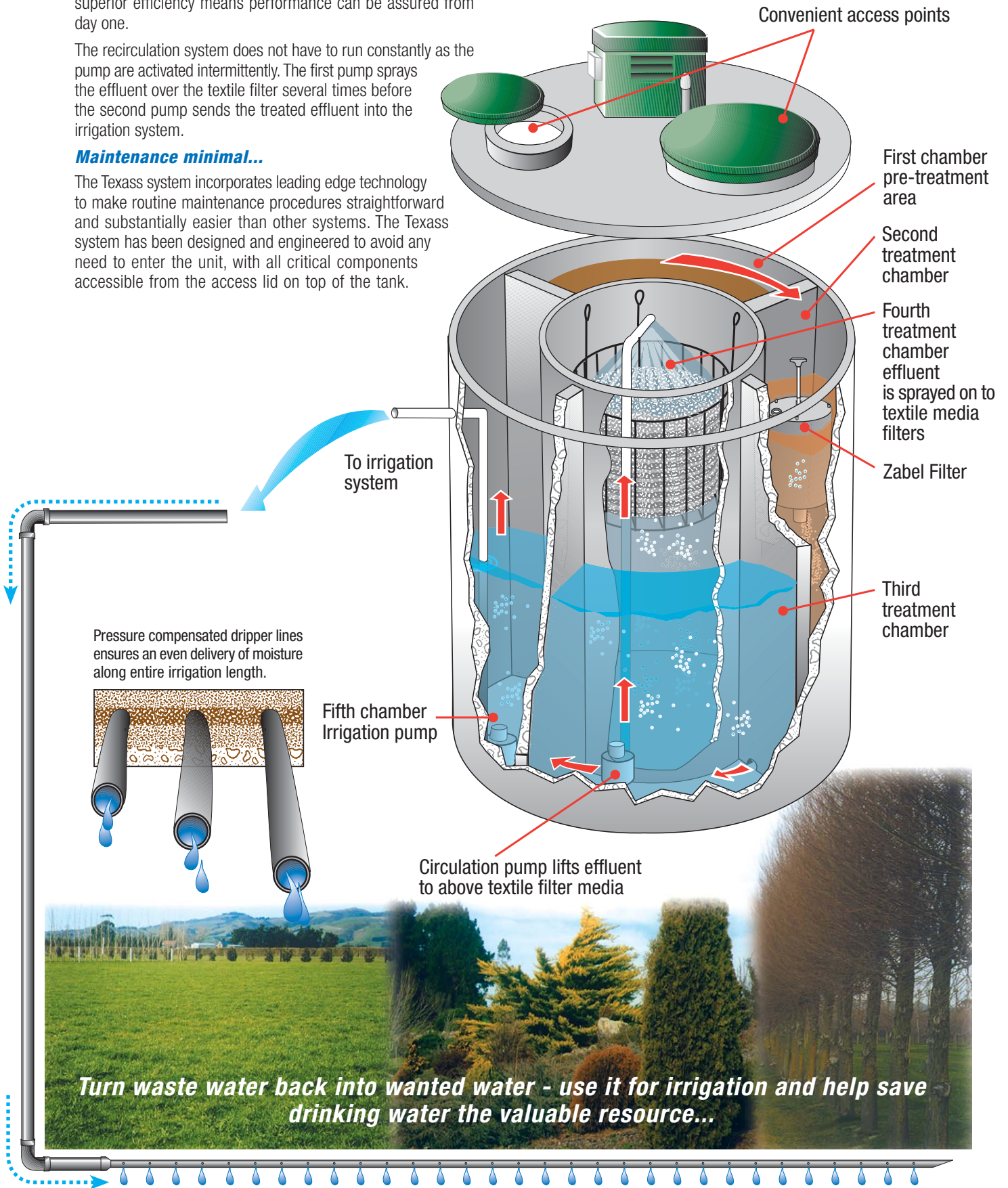
The recirculation system does not have to run constantly as the pump are activated intermittently. The first pump sprays the effluent over the textile filter several times before the second pump sends the treated effluent into the irrigation system.

Maintenance minimal...

The Texass system incorporates leading edge technology to make routine maintenance procedures straightforward and substantially easier than other systems. The Texass system has been designed and engineered to avoid any need to enter the unit, with all critical components accessible from the access lid on top of the tank.

We're here to help...

Texass Systems and our Distributors are dedicated to helping you solve your on-site waste water problems. We are firmly committed to manufacture the highest quality products ensuring the protection of our environment. Our systems are designed to Internationally recognised performance standards.



Turn waste water back into wanted water - use it for irrigation and help save drinking water the valuable resource...

Advantages of the Texass System

Home owners

- Protects water quality and enhances owners' quality of life.
- Saves water, money and protects our environment.
- Low operating and maintenance costs.

Councils and Developers

- Highly reliability, low maintenance systems.
- Reduced operating costs.
- Increased public health protection.

Engineers

- Proven design and Engineering.
- Reliable performance, reduced costs.
- Systems for domestic and commercial applications.
- Ideal for failed system renovation.

Contractors and Installers

- One chamber - one hole - one connection.
- Low maintenance, full range of spares available.
- On going manufacturer backup.

Technical specifications

- Primary Pre-treatment chamber 3500 litres
- Secondary Pre-treatment chamber 750 litres
- Packed Bed Reactor and Recirculation well 2150 litres
- Pumpwell 1050 litres
- Total operating capacity 7450 litres
- Total holding capacity 9400 litres
- Control panel - Audio and visual alarm - sequential timers

- Tank construction - All concrete

Tank Dimensions - for a 10 Person, 1800 litres per day capacity

- Height 2500 mm
- Diameter 2500 mm
- Weight 7.5 Tonnes

Consistent with our policy of product improvement, we reserve the right to alter specifications without notice.

Texass design criteria

Design criteria and specifications for any Texass system is based on daily hydraulic flow rates. Contact your local Texass Distributor with your needs, they are trained specialists who will evaluate your requirements and specify the system to fit your situation.

System size	Peak daily flow rates	Type of unit
up to 10 persons	1800 litres per day	Texass Series 2000
11 to 17 persons	3000 litres per day	Texass Series 3000
over 17 persons	refer to your Texass distributor	

Commercial systems available to 75m³ per day in modular installations. Refer to Texass Systems' Head Office for further information.

Parameter	Units	Average test figures
BOD ₅	mg/L	< 20
Suspended solids	mg/L	< 20
Total N	mg/L	< 20

Certifications

N.Z TP 58 APPROVAL - 3rd Edition
AUS/NZS 1547.2000 - On Site Domestic Waste Water
AUS/NZS 1546 s 1: 1998 - Septic Tank Manufacture

Our company and our capabilities

Texass Environmental Systems has been pioneering onsite wastewater treatment since 1990. Our team of qualified professionals have many years of combined experience designing and developing innovative technology and systems to meet demanding standards for waste water treatment.

We have also established close working relationships with several leading international authorities and manufacturers of similar equipment to complement our knowledge.

We offer a full range of services including

Design and construction.

Liaison with local and regional councils.

Upgrading of existing systems.

Maintenance programmes.

Domestic and commercial applications.



Committed to quality

To ensure constant quality, our products are manufactured, assembled and fitted out at our own concrete product manufacturing plant.



Manufactured under licence to Oasis Clearwater Environmental Systems

Christchurch Head Office:

P.O.Box 16-276, Hornby, Christchurch 8441, New Zealand

Phone: 03-344 0262 • Fax: 03-344 0267

Email: office@oasisclearwater.co.nz

Website: www.oasisclearwater.co.nz

Distributors Nationwide: Phone 0800 48 48 49

Your authorised local distributor