



Why dedicate land to unsightly sewage treatment?

— ELIMINATE MOUNDS AND LEACH FIELDS —

On-Site Wastewater Purification

The Tangent LandSaver® MBR is an advanced wastewater treatment system that produces safe, reuse quality effluent. It can be placed anywhere on a property, and is combined with dispersal systems that do not require extensive digging and tree removal and are less intrusive to landscaping.

— The Future of Sewage Treatment —

CUTTING-EDGE TECHNOLOGY

The LandSaver® Wastewater Purifier incorporates a Membrane Bio-Reactor or MBR. MBRs are state-of-the-art technology used by sophisticated municipal wastewater treatment plants. An Ultrafiltration Barrier prevents solids from getting through to the distribution system.

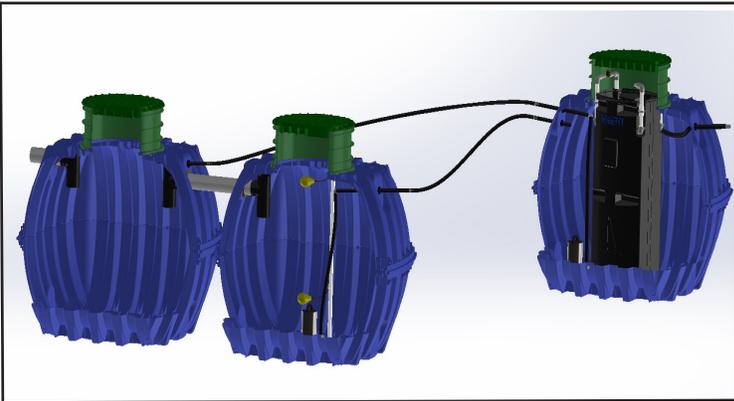
REUSE READY

The highly filtered effluent stream is so pure it can be discharged to surface, and will never clog spray heads or drip irrigation equipment. UV disinfection is used to meet the most stringent non-potable water reuse requirements for bacteria and virus reduction.

WORRY-FREE OPERATION

The LandSaver® MBR is self cleaning and monitoring. A maintenance light lets the owner know when to schedule a service call for a routine checkup or to investigate a potential issue.

Convenient, Flexible and Fast Installation



Pictured above:

Buried tanks can be placed in one or multiple holes, be separated, and accommodate an uphill installation

The light weight and flexible design of the LandSaver® MBR enables installers to complete installation in a day, even in cold climates. Tanks can be buried in the most convenient locations to fit topography, landscape design, and to avoid existing rocks and trees. **No tedious tank-to-tank levelling is required.** A concrete tank version is available.

When paired with a spray dispersal system, installation costs such as trenching, leach field piping, and sand and gravel are eliminated. In addition, **land dedicated to effluent discharge is reduced by 40%.** A patented freeze-free surface sprayer is available for cold climates.

Overcomes Land Use Limitations

The LandSaver® MBR is ideal for many challenging situations including:

- Shallow water tables
- Poor draining soils
- Rocky ground
- Uneven topography
- Small lots sizes
- Sensitive habitats
- Discharge loading limits
- Bedroom additions
- Undevelopable land

Specifications

Maintenance

- Routine bi-annual check-up
- Easy access to all components
- Built-in performance log informs technician
- No heavy lifting/disassembly to maintain Ultrafilter

Installation Requirements

- Capacity: 600 GPD
- Power: 230 VAC single phase
- Electrical: 4-wire, double pull breaker

Effluent Quality

- Exceeds stringent California Title 22 Reuse Water Requirements
- Turbidity < 0.2 NTU - enhances UV performance
- Bacteria free; > 99.9999% virus reduction
- cBOD₅ < 5 mg/L, TSS < 1 mg/L
- Particle size: sub-micron - will never clog distribution equipment

Pictured right:
Tangent's integral
Ultrafilter discharges
pathogen-free water



Choose the Most Advanced On-Site Wastewater Purifier Available

Tangent's LandSaver® MBR solves challenges that conventional septic systems cannot while lowering the cost of difficult installations, preserving land and trees, and creating a reuse quality water stream that is safe to discharge.

About Tangent Company

Tangent is an innovator in on-site, domestic and commercial water treatment. Our technology encompasses a full range of solutions for treating wastewater whether for discharge of high quality effluent, one-time reuse applications, or complete closed-loop recycling for non-potable and even drinking water use.