

## WATER AND WASTE-WATER SOLUTIONS

For all your underground storage, detention tanks and pumping stations. Choose Envirotank for guaranteed service life, value and support. We engineer and design to your requirements, because every project deserves the best.

# WHO WE ARE

Envirotank designs and manufactures corrosion-resistant fibreglass storage tanks and structures for the safe, long-term containment and handling of water and wastewater fluids.

In a competitive market, Envirotank has made over 10,000 successful installations. This is made possible by having quality systems certified to ISO9001 and our equipment being backed by the worlds most accepted engineering practices.

Envirotank was launched by Maskell Productions who are the environmental fibreglass engineering and manufacturing experts for the Australasian region. Choose Envirotank for certainty of quality and longevity.



## ENVIRO®TANK

*"When we established Maskell back in 1968, it was clear that industry's demand for high performance, non-metallic equipment was not being met. For this reason, we sought and established technology agreements with leading international organisations in this and allied fields. We now have licence and marketing agreements with numerous overseas companies, all highly successful in their particular fields. They have all contributed greatly over the years to our capabilities and on-going success."*

*Chairman and Founder David Craig.*



Quality  
ISO 9001









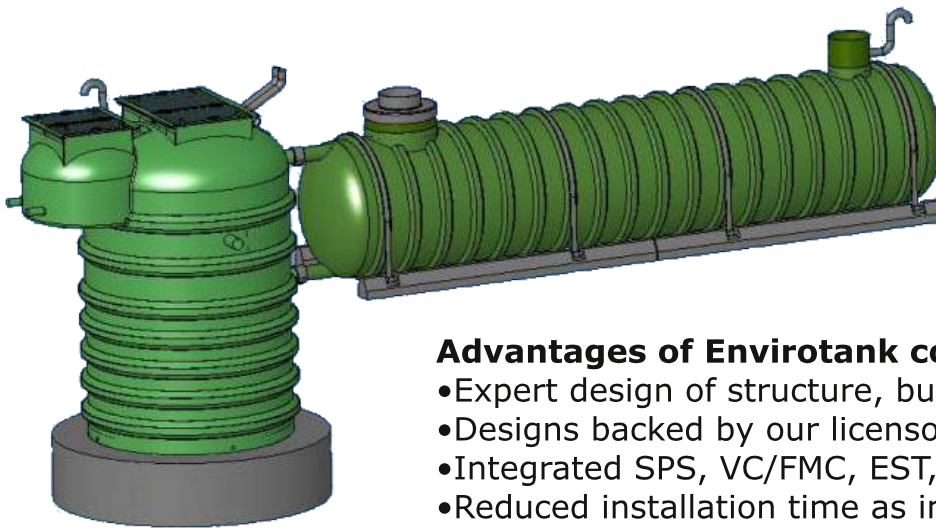
## Wet Weather Detention Schemes

With a changing climate that sees more frequent adverse rain events, WWDSs are required to provide a buffer in sewer systems. Envirotank provides a range of underground structures for this that are built for the extremes. With over 10,000 installations in service, Envirotanks are the ideal solution for long-life trouble-free operation.

Our full WWDS consists of a collector Inlet-Manhole (I-MH) that flows into the Sewer Pumping Station (SPS). On a wet weather event the high-level surcharge pipe will overflow out the I-MH into the Emergency Storage Tanks (EST) or through individual manholes at each EST. After the event, the detained surcharge in the ESTs will gravity discharge through Non-Return Valves (NRVs) back to the I-MH and be pumped out of our fully equipped SPS to the rising main.

We have various scalable options which can be inclusive of wet-wells, dry-wells, valve/flow-meter chambers, MHs, diversion chambers, ESTs, buffer tanks and deep shafts with interconnecting SN10 FRP pipe and couplings.

A complete system will offer considerable savings over any other material option in both equipment supply and installation. The best time to discuss options is at concept design, when we can work with you to provide the best solution.



### **Advantages of Envirotank complete WWDS**

- Expert design of structure, buoyancy, layout and integration
- Designs backed by our licensors for over 50 years
- Integrated SPS, VC/FMC, EST, inlet MHs and piping
- Reduced installation time as integration is planned
- Coupling solutions saving 10x on Varigibs
- Live cut-in solutions with flow diversion for safety
- Best quality specialised manufacturing for buried equipment



***Solutions for complex layouts***



## Emergency Storage Tanks

For detention of sewer carriers, wet weather events and emergency storage requirements; small capacities are achieved by our wet-wells, vertical inlet manholes and single tanks from 10kL through to 400kL. Adverse wet weather events require a greater capacity of storage. Utilising 3m diameter x 25m long ESTs, Envirotank can supply cost-effective EST farms greater than 3 megalitres in capacity.

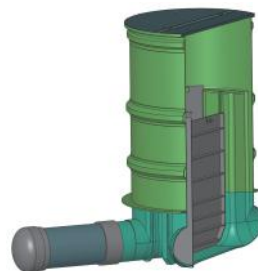


## Sewer Pumping Stations

We supply a range of integrated pre-packaged wet-wells typically up to 3m diameter and 10m in depth. For complex sites, we design separable systems that can feature a number of wet-wells, dry-wells, valve and flowmeter chambers, and arrangements of manholes and tank farms. At conceptual stage, we can design the best arrangement for your site. Our specialised structures are designed and manufactured per project to be compliant to WSA129.

## Manholes and Shafts

As depths and complexity of installations become more demanding, innovative solutions are required to achieve project goals and reduce installation time. Envirotank can help each project find a successful solution by providing all types of shafts, manholes and flow diversion chambers. We have solutions for new installations as well as live cut-ins for replacement of debilitated systems. Please discuss your needs with us.





# PLUMBING AND CIVIL - BUILDING SERVICES

As new building developments focus on EPA compliance and self-sufficiency, Envirotank provides solutions by offering separator, fire service, irrigation and potable water storage tanks that can be buried in any site layout to meet your demands. Our range of equipment is potable water compliant, hygienic and suitable for all plumbing installations.

When corrosion resistance is a priority, there is no other product that will stand up to an Envirotank for a rust-proof, hassle-free installation. Envirotanks are the preferred choice for storage of water on sites that do not have a site plan that can accommodate a freestanding tank or where aesthetics of freestanding structures is undesirable.

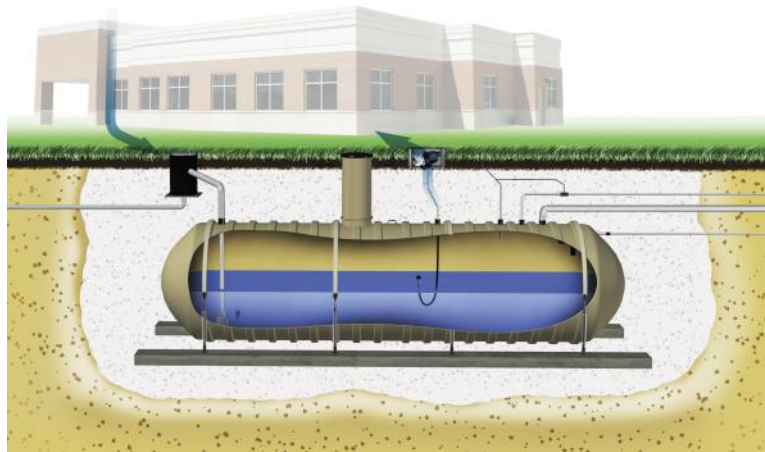
Our range of tanks can come as a single tank or divided into separable compartments to offer twin storage assurance within a single installation.

For buoyancy restraint, we provide both the design and precast anchors that arrive with the tanks. They are placed on the excavation bed, which the tanks are secured to with an easy restraint system. All tanks can be supplied with all internal fittings in place so they can be installed in one day without requirement for entry into the tanks or additional process requirements.

## Rain Water and Storm Water Harvesting

Envirotank meets the demand for irrigation and potable water storage on site, for new developments and buildings or rehabilitation of existing sites. Our systems incorporate rainwater capture or utilise storm water infrastructure and can come equipped with pumps, valves, flow diversion and control. Envirotanks can be buried beneath the road and paving's to prevent unnecessary impact on the environment.

- Building roofs
- Sports grounds
- Parking lots
- Picnic areas
- Truck stops



***Suitable for open-cut and sheet-pile installations***

## Fire Service Water Storage

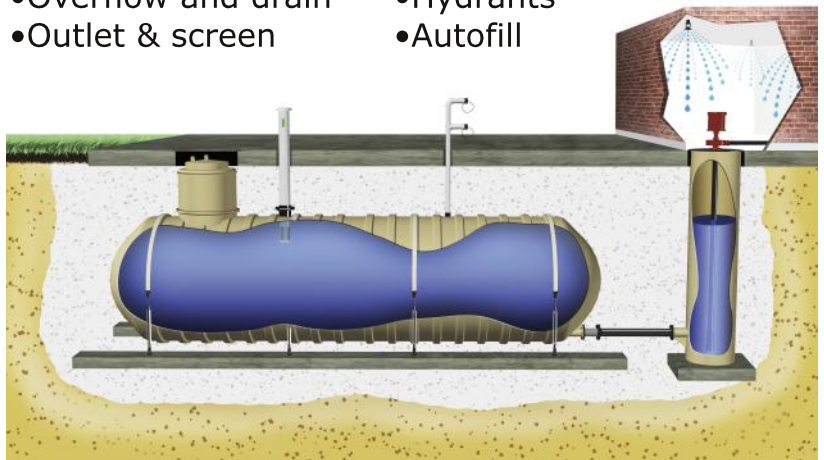
For reliable storage of water for rust and scale free operation choose Envirotank. They are the preferred choice for oil/fuel power generation facilities and critical FSW demand. Envirotank can supply dual USTs in all suitable capacities. Dual tank requirements can also be met by utilising a compartmented UST. Envirotanks are supplied in custom configurations and will not be affected by external fires. Internal pump arrangements or external pump-wells can be supplied to meet your requirements.

### Standard

- Fill & remote fill
- Test return
- Overflow and drain
- Outlet & screen

### Options

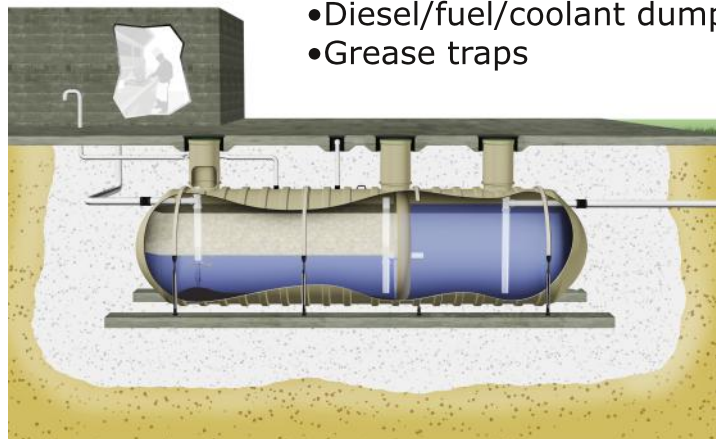
- Pumps
- Pumpwell
- Hydrants
- Autofill



## Oil Water Separators - Septic Treatment - Grease Traps

Envirotank provides a full range of separator tanks that can come with multiple compartments to provide full separation and treatment solutions to meet EPA requirements. Envirotank is also the licensed manufacturer for a range of OWS equipment. Our OWS range meets the EPA requirements to prevent discharge of hydrocarbons into storm water networks – request our Clere-Flo products brochure for further information.

- OWS Full retention & Forecourt
- Septic/blackwater treatment
- Downstream defenders
- Diesel/fuel/coolant dump tanks
- Grease traps



*Scalable capacities*




	DIA m	SIZES kL	10	20	30	60	80	100	120	175	400
RANGE	2.0	5-75	4.0m	7.0m	10.0m	19.6m					
	2.5	10-120	2.8m	4.7m	6.8m	12.8m	17.0m	20.8m	25.0m	36.2m	
	3.0	30-400			4.8m	9.1m	12.0m	14.8m	17.8m	25.4m	57.2m
	3.5	60-400				7m	9.1m	11.2m	13.2m	19.0m	42.4m
	4.0	100-400						8.8m	10.4m	14.8m	32.8m
STRUCTURE	<p><b>Watertight</b> not just water resistant, they need no additional coating during their life. Water and sewer will not permeate.</p> <p><b>Structurally strong</b> for all burial and installation loads and will not degrade or deteriorate over time.</p> <p><b>Fabricated for purpose</b> with automation machinery to produce the best structural integrity possible for installation and transportation.</p> <p><b>Stable installations</b> for complex burial requirements, they will not crack with traffic or burial loads or site settlement limits.</p>										
	<p><b>No Microbial Induced Corrosion (MIC)</b> - resistant to hydrogen sulphides and sulfuric acid, a common cause of deterioration in other materials.</p> <p><b>Resistant surfaces</b> due to the smooth, non-porous, interior finish. Easily washable with our wash-down systems to prevent fatty deposits, bacteria accumulation and algae from forming.</p> <p><b>Rust proof</b> - containing no steel reinforcing, they simply cannot rust.</p>										
	<p><b>Light weight</b> - requiring only a single mobile/crawler crane during off-loading and installation or HIAB truck to direct installation for smaller units.</p> <p><b>Short installation time</b>, because they can be installed straight from the truck in a single lift and are delivered to the site as a finished product making installation easier and faster.</p> <p><b>Modifications</b> can be made at time of installation to suit alternate requirements or unforeseen circumstances.</p>										
	<p><b>No periodic maintenance</b> - recoating or resurfacing is not required for the life of the Envirotank.</p> <p><b>No PH buffers required</b> - Envirotanks are suitable for a high range of pH levels and do not require pH adjustment to prevent leaching.</p> <p><b>Easy cleaning</b> due to the smooth surfaces. Envirotanks are easily maintained with minimal cleaning apparatuses. Spray nozzles and wet well washers can come installed as standard equipment.</p>										

## CONNECT WITH US

### Australia

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