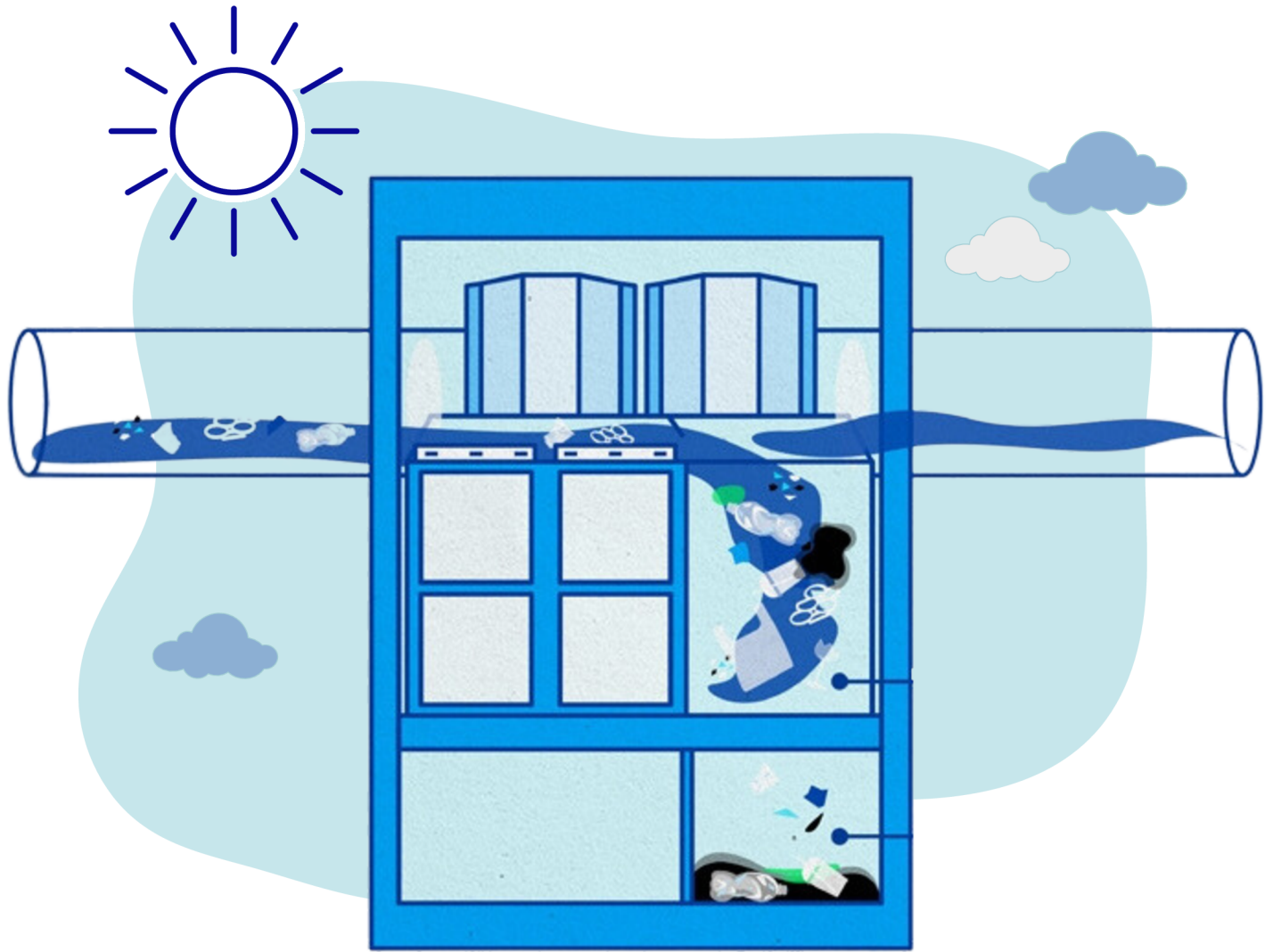




ENVIRO

STORMWATER TREATMENT SOLUTIONS



Speak to one of Enviro's
friendly Engineers today

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- ✉ info@enviroaustralis.com.au
- 📍 PO BOX 34, Angaston, South Australia 5353



**GOOD
DESIGN
AWARD[®]
WINNER**

Enviro is a leading supplier to the local and international market for technology-lead stormwater management solutions.

Designed for residential, commercial, industrial and high-risk sites, Enviro has a solution for every industry need.

Enviro's unique system design lowers your upfront and ongoing operational costs, reduces installation time and guarantees clean water for our environment.

Designed + Built For Australian Conditions.

Compared to fibreglass-based products -
Enviro systems are:

LOWER COST TO INSTALL

45%

LOWER COST TO MAINTAIN

87%




LOWER COST TO OWN OVER 25 YEARS

77%

Enviro's world first technology is based on hydraulic separation. We offer this technology in every system we build. All Enviro systems are scalable to site needs.

Smarter solutions for everyday problems.

Enviro follows the design hierarchy:-

-  **Safety,** to people and the environment.
-  **Maintenance,** which can be conducted in a safe and simple manner.
-  **Compliance** with structural, environmental and sustainability codes and principals which may vary from time to time.

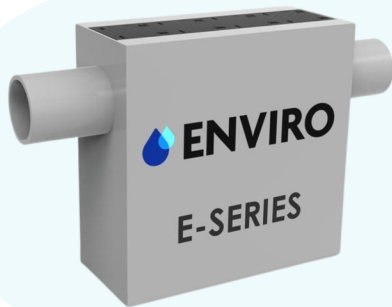
Why Enviro is the easy choice

- ✓ Proudly South Australian owned, operated + manufactured
- ✓ Compliant with all relevant Australian + International codes
- ✓ 100 year minimum life service + material lifetime guarantee
- ✓ Minimal carbon footprint, driving eco-friendly innovation
- ✓ Infinitely recyclable systems for long-term environmental impact
- ✓ Enviro supports NDIS work hours, fostering inclusive employment opportunities



G Series – Residential

The G Series is intended for low impact sites such as residential catchments. This is a low-cost single chamber internal configuration with separate storage zone.



E Series – Commercial

The E Series is intended for medium impact sites such as catchments which include commercial and light industrial activities. High removal performance is achieved from a unique multi-chamber, multi zone internal configuration preventing churning and remobilisation.

H Series – Oil/Water Separator Function

The H Series adds the oil/water separation function to expand on the E Series capabilities for higher risk sites within an industrial setting that require oil capture.

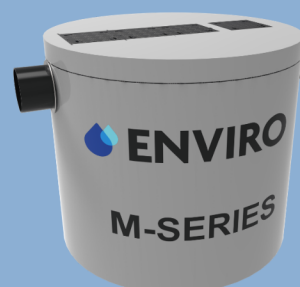


OE + OWS Series – Industrial

The OE + OWS Series expands on the tested and accredited oil/water separation performance of the H Series. It has a secondary chamber for holding emergency oil spills with a capacity of up to 10,000L.

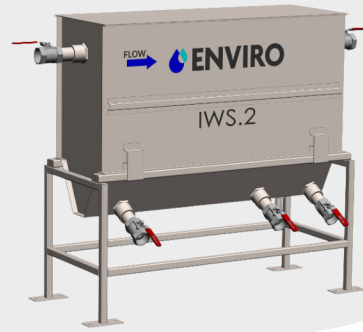
M Series – Mining + High Risk

The M Series expands on the OWS performance with larger secondary chamber for holding emergency oil spills with a capacity of up to 20,000L and inclusion of pumps if required.



IWS Series – Wash Water

Stand alone sediment and oil/water separators for workshops, wash bays and wash down facilities.



PT Series

The PT Series includes intergrated OSD (on-site detention) flow control and pre-treatment. Flow control orifice, side off-take and overflow weir is added to the G, E and H functions. This eliminates pollutants from gathering inside the OSD, reducing the potential for clogging and high service cost.

OSD – On Site Detention

Flood threats can be easily mitigated with the addition of an Enviro OSD (On-Site Detention) system. Enviro supplies the only fully integrated device to manage OSD flows and minimise maintenance costs.

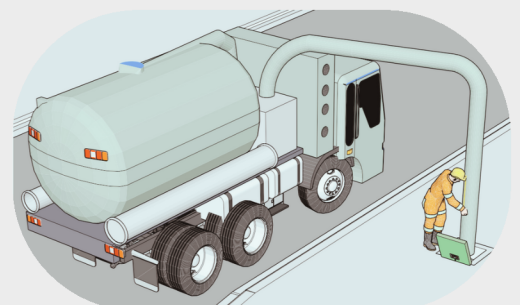
Performance testing verifies the following pollutant removal rates:

Pollutants Reduction Claim	% Reduction (minimum requirement)	% Reduction (as tested)
Total Suspended Solids (TSS)	85%	94%
Total Phosphorous (TP)	60%	97%
Total Nitrogen (TN)	45%	85%
Oils	-	95%*
Gross Pollutants	90%	100%

*based on dual chamber capture of buoyant materials incl. oils.

Maintenance

Enviro eliminates the social and legal risk of confined space entry whilst substantially reducing maintenance costs. Enviro systems are serviced by a local sucker truck once every 12 months.



Environmental Compliance + Sustainability

Enviro systems are the most sustainable solution on the market

Less Lifecycle CO2 Emissions: Fiberglass systems tend to have shorter lifespans, often needing replacement after 20-30 years. This results in higher CO2 emissions over time compared to green concrete and stainless steel, which last 50-100 years and require fewer replacements.

Zero Backfill Requirements: To prevent buoyancy, fiberglass systems typically need additional materials like washed gravel as backfill, increasing the overall resource use and carbon emissions. Green concrete and stainless steel systems, being heavier and more stable, reduce this need.

Minimal End-of-Life Impact: Fiberglass is difficult to recycle and often restricted from landfills, posing environmental disposal challenges. Green concrete and stainless steel, in contrast, are more sustainable, with longer lifespans and better recyclability, minimizing long-term waste.

Re-Poly Fibre Reinforcement: Enviro system incorporate Incorporating Re-Poly fibre within all of their designs. Made from recycled materials, Re-Poly fibre reduces reliance on virgin resources and simultaneously reinforces the concrete to increase its structural integrity. This results in longer-lasting chambers with a reduced environmental footprint, contributing to both durability and sustainability.



Each Enviro concrete chamber contains an average of 30 kg of polypropylene plastic, which is approximately equivalent to the amount of plastic waste generated by the average Australian household in one month.

By incorporating green concrete into the design of the Enviro OE30.10, every system is capable of reducing CO2 emissions by approximately 300kgs.



We support the

ndis

Enviro's use of Re-Poly fibre has contributed to over 430 employed hours by NDIS workers as of May 2024



Enviro Compliance Codes + Standards

Enviro Stormwater Quality Improvement Devices update March 2023

Manufacturer: Enviro Australis Pty Ltd

Manufacturing Standard:

- *ISO9001:2015* Quality Management
- *ISO14001:2015* Environmental Management Systems
- *ISO45001:2018* OHS/WHS Defence compliant (Defence Industry Security Program)

Raw Materials:

- *'Green' concrete in accordance with AS3600:2018*, strength 50–60 MPa includes steel and fibre reinforcement, additives to marine grade and acid sulphate level
- *Stainless steel*, marine grade in accordance with OGCP (Operational Guidelines and Code of Practice for Stainless Steel Products in Drinking Water Supply)
- *Screen material*: polypropylene
- *Cast iron in accordance with AS3996:2019*

Design Standards:

- *AS2865:2009* Confined Spaces
- *AS3600:2018* Structural Compliance Concrete Structures
- *AS5100.5:2017* Bridge Design, 100 year design service life
- *AS3996:2019* Access Covers and Grates
- *AS3850.1:2015* Prefabricated Concrete Safe Lifting

Performance Standard:

- *EN858-1 Class 1 Oil/water Separator*
- *ARQ 2006 Compliance*
- *ANZECC 2000 Best Management Practice*
- *eMUSIC Nodes generated by UniSA*

Loading Capability:

- *D Class (Major roads)*; wheel loading 8T, design load 60kN, ultimate load 240kN, designed to *G Class* available; wheel loading 30T, design load 600kN, ultimate load 900kN

Depth:

- *Varies to suit site, nominal minimal cover over pipe 300mm*

Inlet:

- *Varies to suit pipe size*

Australian projects:

- *Over 300 projects Nationally*
- *Exclusive supplier to the Osborne Park Defence Facility, Osborne SA*

Design life and warranty:

- *100 year minimum service life*, certified independently on a project by project basis.
- *Material lifetime guarantee*, performance underwritten by Professional Indemnity and Public and Product Liability Insurances.

Service and Maintenance:

- *Low cost conducted by any licensed Waste Management Contractor with no consumables required.*

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