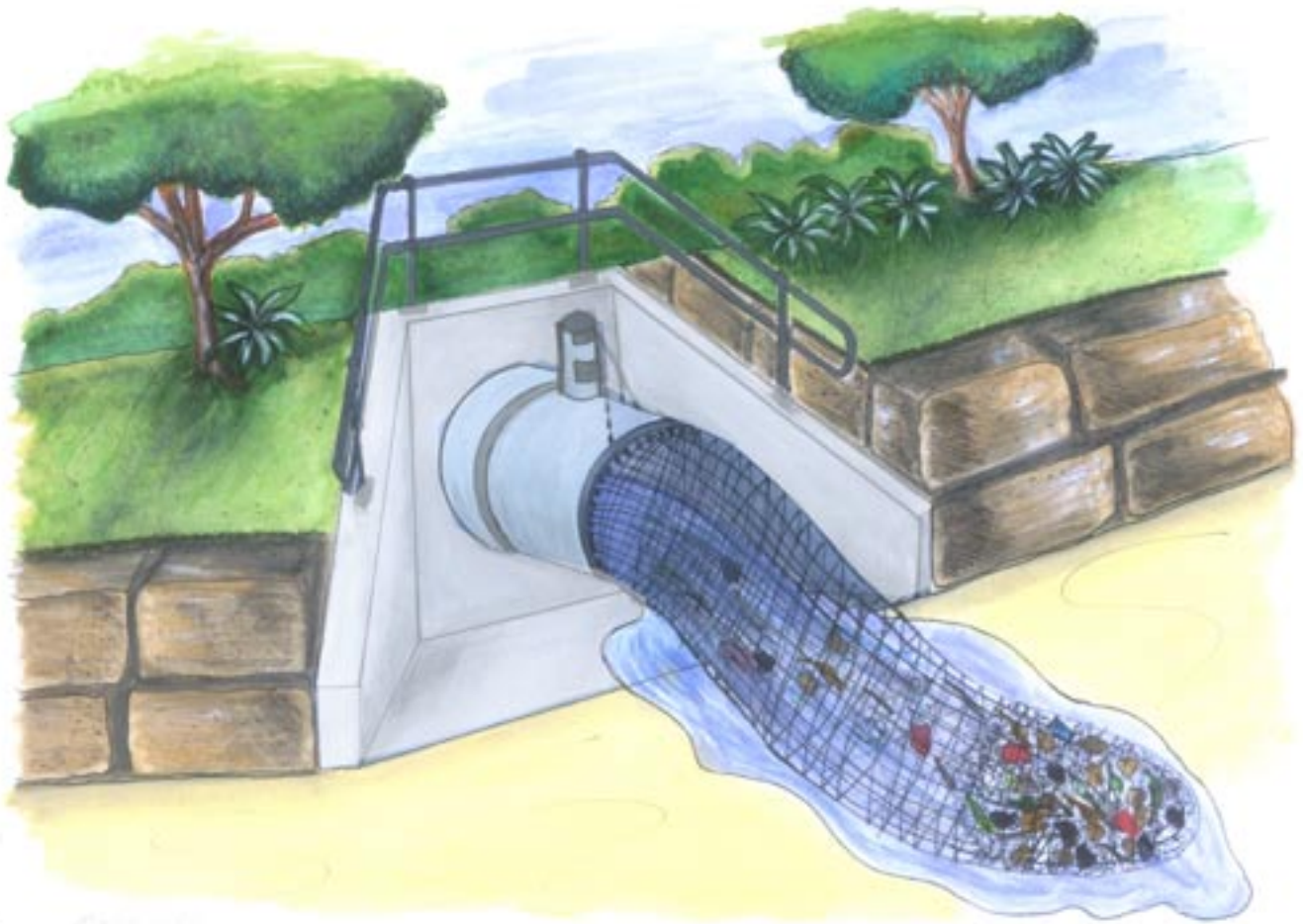


Ecosol™ Net Tech

In-Line/End-of-Line Solid Pollutant Filter



KEY FEATURES

Effective Pollutant and Litter Retention

- ✓ Captures more than 91% gross pollutants > 19mm
- ✓ No remobilisation of captured pollutants
- ✓ Operates in dry, tidal, and submerged environments
- ✓ Designed for high-pollutant loading locations
- ✓ Filtration net reduces scouring at pipe outlets

Tested and Proven Fail-Safe Overflow System

- ✓ Fail-safe release mechanism eliminates the risk of flooding
- ✓ Minimal head/hydraulic loss
- ✓ 100% treatable flow rate
- ✓ Independently tested and extensively field tested
- ✓ Meets all international guidelines and standards

Cost-Effective Maintenance

- ✓ Easily cleaned using small crane truck
- ✓ Pollutants are not handled during cleaning
- ✓ Ideal for locations with limited access
- ✓ Maintenance procedures within OH&S guidelines
- ✓ Customised design aids cleaning and maintenance

Cost-Effective Design and Installation

- ✓ Easily installed with minimal risk to public
- ✓ Low-cost alternative to large GPTs
- ✓ Simple design with durable, corrosive-resistant materials
- ✓ Fits pipe and box culvert sizes up to 1500mm diameter*
- ✓ Can be retrofitted to most existing stormwater systems

* Single units only - multiple units can be fitted to box culverts and channels larger than 1500mm

Ecosol™ Net Tech

In-Line/End-of-Line Solid Pollutant Filter

The in-line/end-of-line Ecosol **Net Tech** Solid Pollutant Filter captures a range of gross pollutants from stormwater flows. Independent testing has confirmed that the unit typically collects, and retains, 91% of gross pollutants larger than 19mm in diameter at a range of flows.

Unlike most other products, the unit treats 100% of the incoming pipe flows with minimal hydraulic impact even during peak flows.

The Ecosol **Net Tech** is designed to be installed in strategic locations, or hot spots, and can be used in a wide range of applications, including residential subdivisions and commercial sites. It can be retrofitted to existing stormwater drainage systems that have a high gross pollutant loading. The simple, yet highly-effective design, also enables the unit to be installed in locations where there is limited access for maintenance or where large GPTs are too costly or require too much space.

While the unit can operate as a dry system it can also be installed in tidal and submerged environments. It does not, in any environment or under any flow condition, remobilise captured pollutants larger than the filtration net penetrations.

The Ecosol **Net Tech** consists of a stainless-steel sleeve extension that is inserted and fixed into existing, or new, pipe outlets. This extension is fitted with a removable, heavy-duty ultraviolet-stabilised polyethylene net for capturing, and retaining, gross pollutants. The unit has a proprietary release mechanism that allows the filtration net to disengage when it has reached its maximum designed pollutant-holding capacity.

When the filtration net becomes full during a rain event it disengages from the extension cylinder sleeve. A pull cord that is connected to the main unit then tightens around the net throat and prevents the remobilisation of captured pollutants. When the rain event has ended the net should be emptied and re-secured to the end of the sleeve extension ready for operation.

The Ecosol **Net Tech** requires little, or no, structural change to the existing stormwater system thereby reducing initial capital costs and minimising disruption to the general public during installation.

The Ecosol **Net Tech** unit can also be installed on multiple pipe outlets, large junction pits, and even open channels.

PERFORMANCE SPECIFICATIONS

| Ecosol Unit Code | Pipe Diameter (mm) ¹ | Approximate Maximum Pollutant Holding Capacity (m ³) | TFR |
|----------------------|---------------------------------|--|------|
| Net Tech 300 | Minimum 300 | Up To 0.180 | 100% |
| Net Tech 375 | Up To 375 | Up To 0.280 | 100% |
| Net Tech 450 | Up To 450 | Up To 0.420 | 100% |
| Net Tech 525 | Up To 525 | Up To 0.570 | 100% |
| Net Tech 600 | Up To 600 | Up To 0.760 | 100% |
| Net Tech 750 | Up To 750 | Up To 1.210 | 100% |
| Net Tech 900 | Up To 900 | Up To 1.780 | 100% |
| Net Tech 1050 | Up To 1050 | Up To 2.460 | 100% |
| Net Tech 1200 | Up To 1200 | Up To 3.270 | 100% |
| Net Tech 1350 | Up To 1350 | Up To 4.220 | 100% |
| Net Tech 1500 | Up To 1500 | Up To 5.300 | 100% |

¹ Pipe diameters listed are internal diameters

Note that the Ecosol **Net Tech** Solid Pollutant Filter can also be installed into box culverts - more information can be obtained by contacting your local Ecosol representative

Pollutant Capture Efficiency

| Sieve Size (mm) | Capture Efficiency |
|-----------------|--------------------|
| >19.00 | 91% |
| >13.00 | 67% |
| >6.70 | 47% |
| >2.36 | 20% |
| >1.78 | 17% |
| >0.15 | 11% |

Ecosol also offers a comprehensive monitoring, cleaning, and maintenance service

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