

Domestic Wastewater Treatment Systems

New bioCycle™ 9,000 Series For Single Houses



- **Commercial & Domestic Systems**
- **Septic Tank Replacement**
- **Site Assessments & Design proposals**
- **Polishing Filters (Percolation Areas)**
- **Nationwide Installations & Servicing**

Dublin
Main Office

Unit 107,
Baldoyle Industrial Estate,
Dublin 13,
Ireland.

Low Call: 1890 929 612
Tel: 01 8391000
Email: info@biocycle.ie
Website: www.biocycle.ie

Limerick
Service Depot

Old Singland Road,
Co. Limerick.

Low Call: 1890 929 612
Email: limerick@biocycle.ie

Clare
Tank Supplier/Agent

McGraths Precast Concrete Ltd
O'Callaghan Mills,
Co. Clare

Tel: 065 6835125
Email: info@mcgrathquarries.ie
Website: www.mcgrathquarries.com

The Best Long Term Wastewater Solution

At bioCycle™ we don't just sell tanks, we provide long term wastewater solutions. For over 25 years we have been providing complete wastewater & environmental solutions by designing, manufacturing, installing, certifying & servicing our systems.

The new 9,000 series is the most cost effective bioCycle™ system to date. The bioCycle™ unit is designed to provide long term low maintenance costs while still providing superior performance.

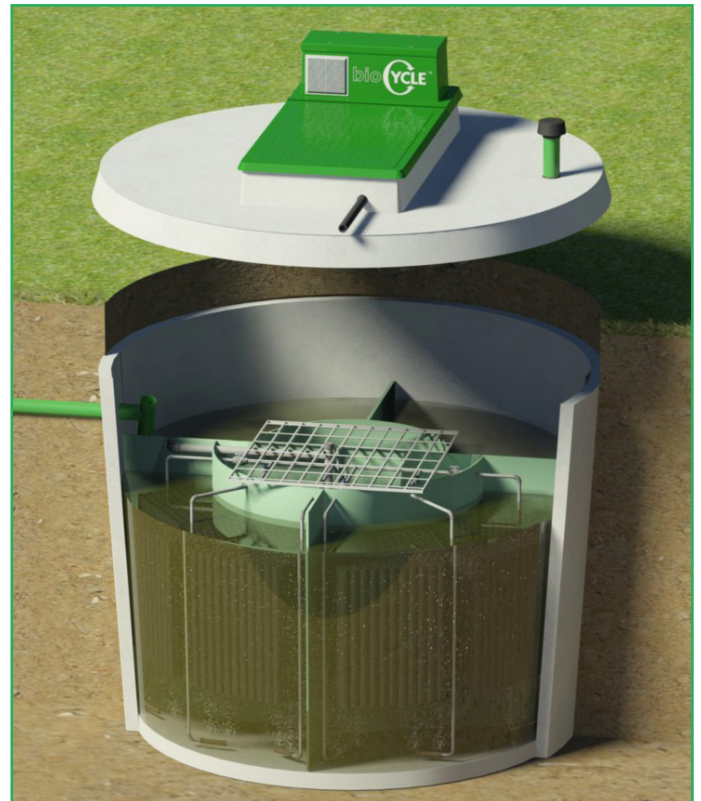
- **Fit for Purpose**
- **Superior Performance**
- **Lowest Desludging Costs**
- **15 Year Warranty (Performance, Parts & labour)**
- **Reinforced Concrete Unit**

9,000 Series bioCycle™ Unit	
Population Equivalent (P.E.)	10
Capacity (litres)	8,400
BOD Kg/day	0.48
Flow Rate (m3/day)	1.60
Dimensions (mm)	Ø 2675
Depth (mm)	2475
Standard Invert (mm)	600
Approx Desludging Period	7-10 years
Discharge Type	Gravity or Pumped

» Fit For Purpose

The bioCycle™ unit design is not just based on the number of bedrooms at the property. Our engineers will also assess the proposed water usage, occupancy and water saving devices. Our design will ensure that your wastewater treatment unit will be fit for purpose and be suitable for your home. This will help to avoid a lifetime of problems such as:

- **Liability under the Water Services Act 2012**
- **A Risk to Human Health or the Environment**
- **Restricted Usage of Washing Machine/Dishwasher**
- **Increased Maintenance Costs**
- **Reduced Life of Percolation Area**
- **Frequent Desludging**



» Superior Performance

The bioCycle™ system is the highest performing biological aerated filtration (BAF) system on the Irish market.

Treatment	Efficiency	Effluent
BOD ⁵	97.5 %	6 mg/l
SS	97.0 %	8 mg/l
NH ₄ -N	85.6 %	4.2 mg/l
COD	92.1 %	50 mg/l

Based on EN12566-3 Results

The bioCycle's design and large capacity ensures a high and consistent level of treatment. The unit is also better equipped to deal with the following:

- **Shock Loadings**
- **Dishwasher & Washing Machine Usage**
- **Everyday Household Chemicals**
- **Water Saving Devices**

» All-Inclusive 15 Year Warranty

The bioCycle™ 9,000 series has a 15 year Performance, Parts & Labour guarantee from the date of installation provided that the unit is designed, serviced and operated in accordance with the manufacturer's instructions & recommendations.

All-Inclusive 15 Year Warranty	
Performance <ul style="list-style-type: none">• 20mg/l BOD• 30mg/l SS Effluent Quality• No Obnoxious Odours	✓
All Parts <ul style="list-style-type: none">• Concrete Tank• Air Blower• Water Pump• Diffusers• High Level switches• Media• PVC Pipework & Fittings• Non return Valves• Control Socket Box• Alarm	✓
Labour & Callouts	✓

» Lowest Desludging Costs

The bioCycle™ unit has been designed to provide unrivalled sludge storage. When sludge is retained for a sufficient period (18 to 24 months) it will undergo a process called "anaerobic digestion". This process decreases the volume of sludge significantly and drastically reduces the need for desludging. The desludging period for the bioCycle™ unit is approx every 7 - 10 years compared to once a year for most other treatment systems.

» Quality

The only company with ISO 9001:2008 from the National Standards Authority of Ireland for the design, supply, installation, monitoring & servicing of wastewater treatment systems.

» Professional Services

Our team of highly qualified and experienced Engineers will ensure you get the highest quality treatment system specifically designed for your site.

- Site Suitability Assessment
- Certification to EPA 2009 Code of Practice
- Ancillary Certificates
- Preparation of site specific drawings
- Supply & Installation of Polishing Filter
- Planning Assistance



» Complete Solution

bioCycle™ can provide a complete wastewater solution by designing, supplying, installing and certifying your wastewater treatment system and polishing filter.



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