

Wastewater Treatment System Checklist

A waste-water treatment system is a long term investment in your home. Future proof your system by ensuring that the system is specified correctly, installed correctly and offers a full system guarantee.

Ask your builder these questions - we're confident that bioCycle have all the correct answers.

Initial Specifications	
Do you fully design, supply, install & certify the wastewater treatment system and polishing filter?	
What is the total system capacity in litres?	
How many people is the system capable of supporting?	
What is the emergency capacity of the system, in days and litres?	
In the event of a power failure will the system discharge untreated effluent into the environment causing a risk to public health or the environment?	
Is free servicing included?	
Running Costs	
What is the average yearly running cost?	
Are parts that need to be replaced covered by warranty?	
Desludging Intervals	
What is the average desludging interval?	
Guarantees & Insurance	
What is the guarantee on the soil polishing filter/percolation area?	
What is the guarantee on the wastewater treatment unit?	
What is the structural guarantee on the tank?	
Do you have an extended warranty on all parts, which includes all callouts and labour?	
Do you provide professional indemnity insurance for design of the treatment system and polishing filter?	
Do you provide Third Party Liability Insurance? (Covers losses resulting from bodily injury, property damage to a third Party and/or clean up costs incurred by a third party and trespass/nuisance which arise from any 'pollution condition'.)	
Do you provide Environmental Damage Insurance (Covers losses which the Insured are legally obligated to pay as 'environmental damage costs' resulting from 'environmental damage' and which result in a claim by a regulator).	
Certification	
Do you have I.S. EN ISO 9001:2008 Quality Certification for design, installation, servicing and maintenance of wastewater treatment systems?	
Can you certify the design and installation of the wastewater treatment and polishing filter is in accordance with the EPA 2009 Code of Practice?	
Can you certify the wastewater treatment and polishing filter fully complies with Part H of the Building Regulations. (a) it is not prejudicial to the health of any person, (b) it does not cause a risk to public health or the environment, (c) it prevents unauthorised access but allows adequate means of access for emptying and maintenance. (d) it will function to a sufficient standard for the protection of health in the event of a system failure, (e) it has adequate capacity, (f) it is impermeable to liquids, and (g) it is adequately ventilated.	
Can you certify the wastewater treatment and disposal system is "fit for purpose".	

A 'pollution condition' means the discharge, dispersal, escape, migration, release or seepage of any solid, liquid, gaseous or thermal irritant, pollutant or contaminant including smoke, soot, vapours, fumes, acids, alkalis, chemicals, hazardous substances, hazardous materials and waste materials in or on land, any structures on land, the atmosphere or any surface water or groundwater.

'Environmental Damage Costs' are the reasonable and necessary costs incurred to investigate and undertake primary, complementary or compensatory remediation (as defined under EU Law) required as a result of environmental damage.

'Environmental Damage' means harm or injury to or damage sustained by or the destruction of land, water, protected species and/or natural habitats for which the Insured is liable under EU Law.

We are happy to discuss and advise on any aspect of this checklist. Call us on 1890 929 612, email us on info@biocycle.ie