



The sustainable septic solution that protects your property

ECOFLO[®]



What is a septic system?

Wastewater is any water that we contaminate. For example, it is water we use to flush toilets, take showers, clean clothes, or wash dishes.

When a property is not connected to a municipal sewer, its wastewater must be treated by an on-site septic system.

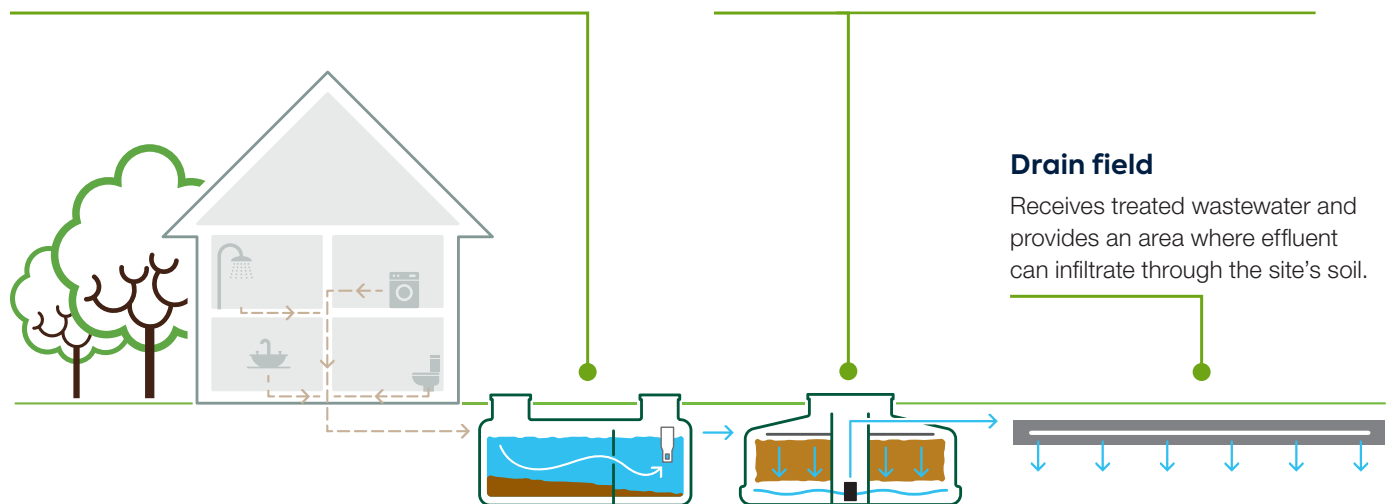
What does a typical septic system look like?

Primary treatment: Septic tank

Receives untreated domestic wastewater from the residence. The tank retains solid materials and sends partially clarified wastewater downstream.

Secondary treatment: Ecoflo® biofilter

Receives wastewater from the primary treatment unit. Microorganisms that naturally develop in the secondary system remove wastewater pollutants. The system sends treated wastewater downstream.



Drain field

Receives treated wastewater and provides an area where effluent can infiltrate through the site's soil.

Additional treatment (when required)

Check the regulation in your area to determine if tertiary treatment is needed with your septic system.

Premier Tech Water and Environment offers:

- UV disinfection
- nitrogen reduction

Steps for a septic system project*

1

Initial assessment

Is this a new installation or an upgrade?
How many bedrooms are in the residence?



2

Site assessment

A septic designer determines your site's topography, soil permeability, groundwater levels, rock layers, and the location of your well. This information defines the area available for a septic system.



3

Design

A septic designer or engineer designs a plan and gives you product options with cost estimates.



4

Permit application

The installer gives you a quote for construction costs. After you choose the septic system you want, you can apply for a permit.



5

Installation

The installer performs the work needed to install the septic system.



6

Use and maintenance

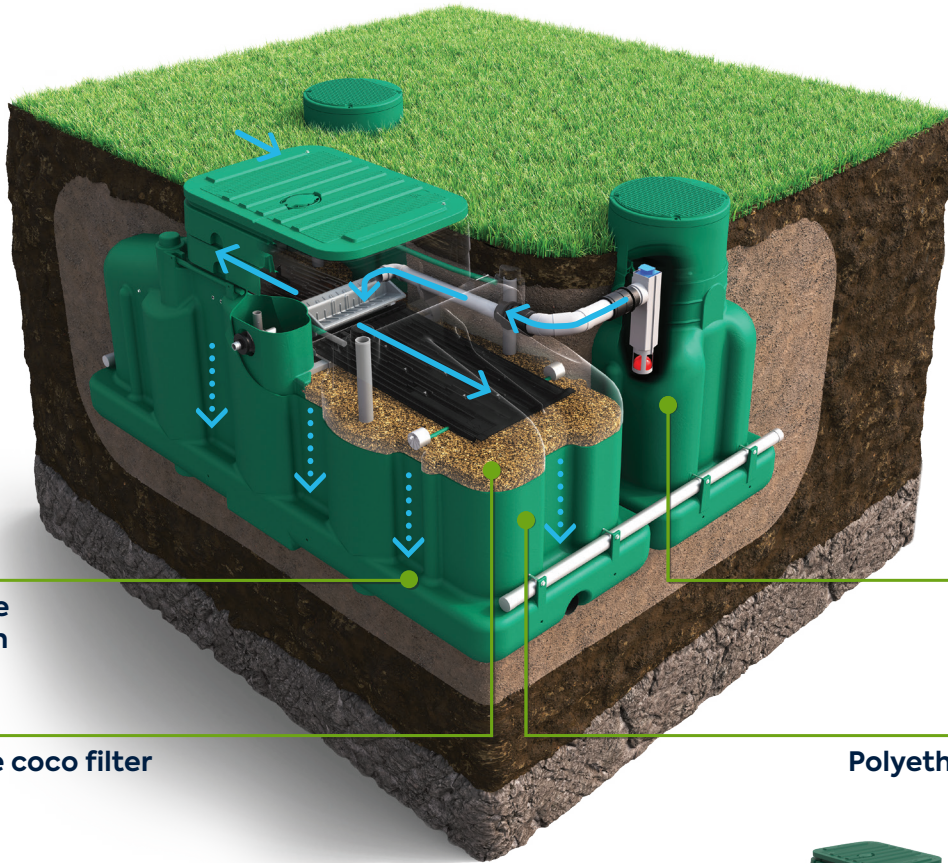
Regular maintenance maximizes the lifespan of the septic system and ensures it treats wastewater effectively.



* These are general steps. They may vary depending on your local regulation.

Ecoflo® is how we make a sustainable difference. Together.

Join us in the movement to make the world a better, more sustainable place. Protect your property and the environment by choosing Ecoflo, the most eco-responsible septic system available.



Energy-free
biofiltration

Sustainable coco filter

Pack models
include septic tank

Polyethylene and concrete
models available



**THE #1 COMPACT
FILTER CHOICE!**

SCAN TO DISCOVER
HOW DOES THE ECOFLO
BIOFILTER WORK



INSTALLED FOR LIFE

- easy installation
- never needs to be moved or replaced
- never damages your landscaping

PEACE OF MIND

- 24/7 autonomous operation
- never clogs your drain field
- never contaminates your property

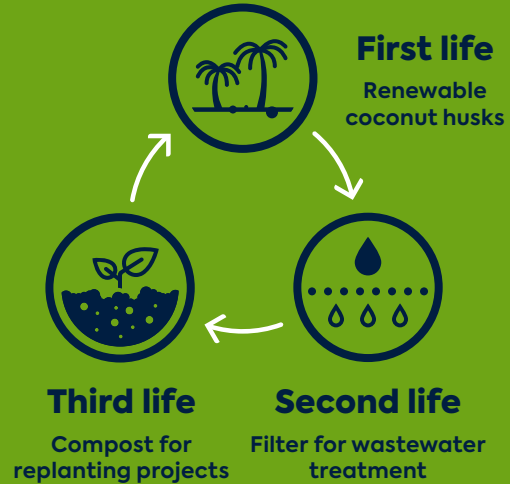
COMPACT AND DISCREET

- up to 50% smaller than traditional systems
- blends into your landscaping
- odorless

BEST LONG-TERM INVESTMENT

- maintains the selling value of your property
- no energy bills for wastewater treatment
- no high-priced repairs or hidden costs
- no full-system replacements

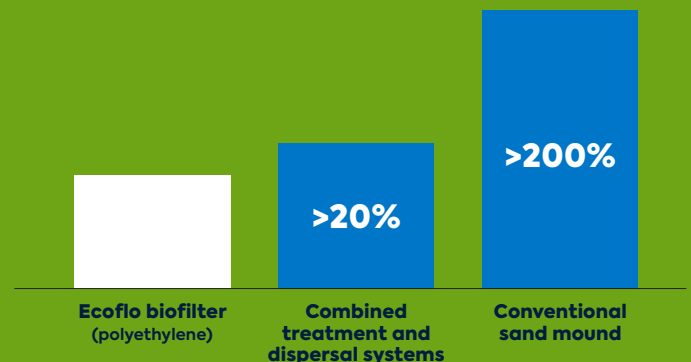
NATURAL, RENEWABLE, COMPOSTABLE FILTER



LOWEST CARBON FOOTPRINT

From production and shipping to installation, maintenance, and usage, the Ecoflo biofilter has the lowest carbon footprint of any system on the market — and the numbers to prove it.

Total after 50-year life cycle



Notes

- Based on analysis of septic installations in Pennsylvania.
- Systems installed in soil with percolation rate of 60 mpi and rated for four bedrooms.
- Distances between installations and required materials assumed to be 40 miles for filtration sand and stone, 20 miles for backfill.
- Ecoflo biofilter installations include final dispersal to at-grade bed.

We offer two different tanks to ensure that your septic installation fits with your soil and land. The results of your soil analysis determine the best tank material for your needs.

POLYETHYLENE

Lightweight, compact, and easy to handle.

Site features

- permeable to very permeable soil
- difficult or remote access

System features

- durable construction
- quick installation (pre-assembled internal components)
- integrated pump vault
- possibility to integrate a UV disinfection system



CONCRETE

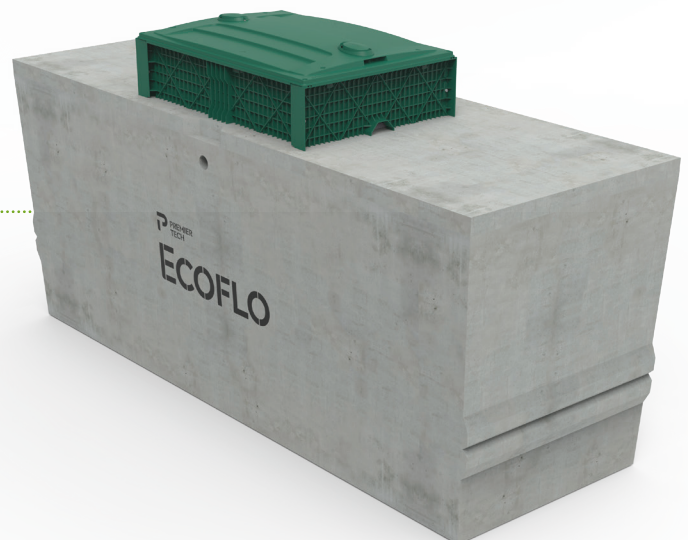
Robust system suitable for all soils and site conditions.

Site features

- any soil type
- high groundwater
- accessible to heavy machinery

System features

- quick installation (pre-assembled internal components)
- integrated pump vault
- possibility to integrate a UV disinfection system



ECOFLO[®]

Filtering medium

The Ecoflo biofilter filters wastewater through coconut husk fragments. This material provides stable treatment performance, regardless of intermittent use, variable flows, or electrical failures.

COCONUT HUSK FRAGMENTS

This material is made from the husk that surrounds the edible part of a coconut. By transforming this material into a filtering medium, we give second life to a valuable resource and ensure that no part of the coconut tree's bounty is wasted.

The husk is cut into fragments through a mechanical process that gives us complete control over the size of each fragment and its overall porosity. This guarantees a uniform filtering medium that delivers consistently high performance over time.



REWATEC[™]

Tertiary system

When soil is impermeable, it is necessary to disinfect the wastewater in order to remove pollutants. These pollutants include fecal coliforms which would otherwise cause blue-green algae blooms in nearby lakes and rivers.

This type of treatment allows for direct discharge that respects the sensitivity of the surrounding environment. A tertiary installation includes a septic tank and an advanced secondary treatment system, plus an additional unit to perform final disinfection before wastewater is discharged into the environment.

REWATEC™

Tertiary
treatment

Integrated UV disinfection (DiUV)

Our integrated DiUV option reliably kills wastewater pathogens, allowing for safe direct discharge into a watercourse or ditch.

READY TO INSTALL

Pre-assembled and pre-wired for fast and simple installation.

SOLUTIONS FOR ANY SITE

Can be integrated in many polyethylene and concrete Ecoflo biofilter models. Also available in a separate tank.

Wi-Fi system

Instant alerts allow us to help your client protect their investment and the environment. A service team will follow-up on any problem.

Improved design

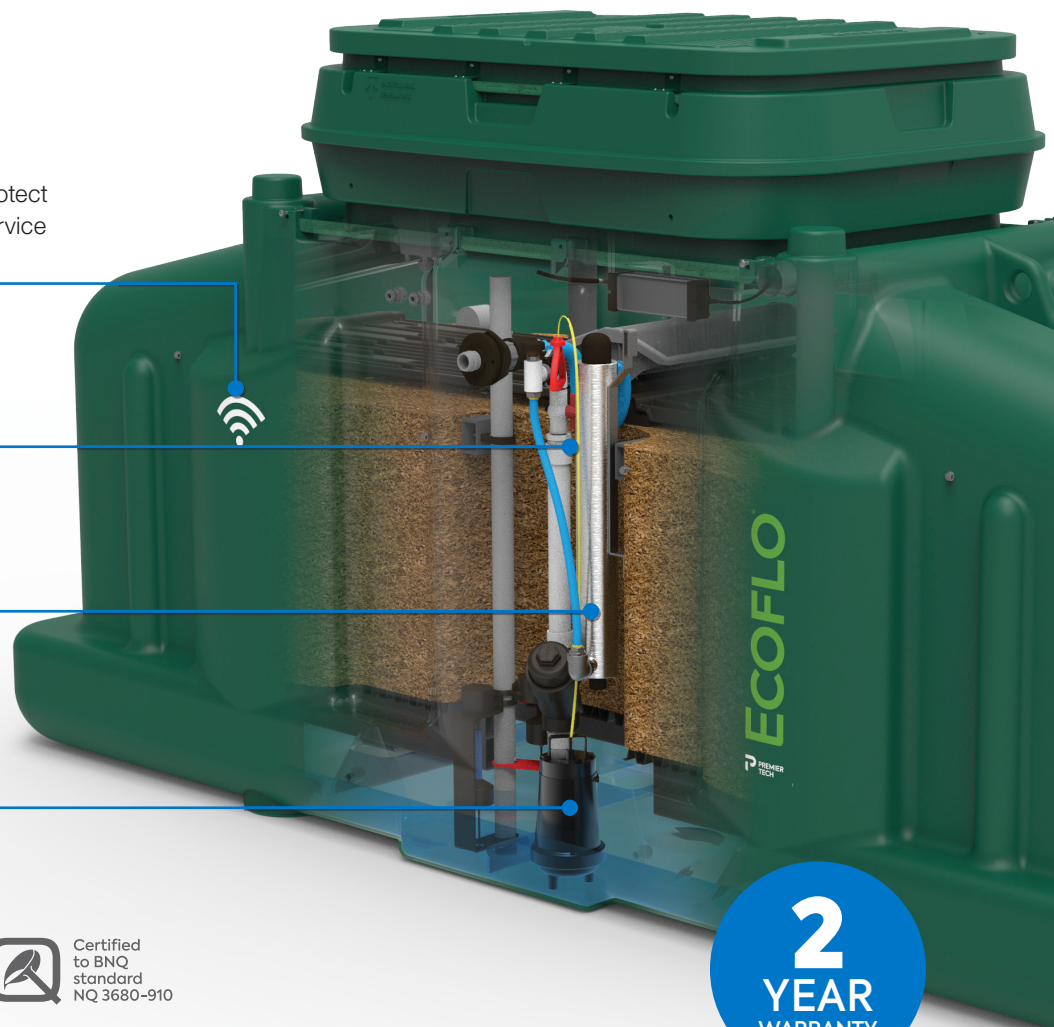
Strong and reliable parts ensure easy operation and maintenance.

New UV lamp

Kills wastewater pathogens with UV radiation.

Integrated pump

Discharges treated wastewater in sites of any condition and keeps ditch water out of the treatment unit.



Parts and labor

Nitrogen reduction (ECDn)

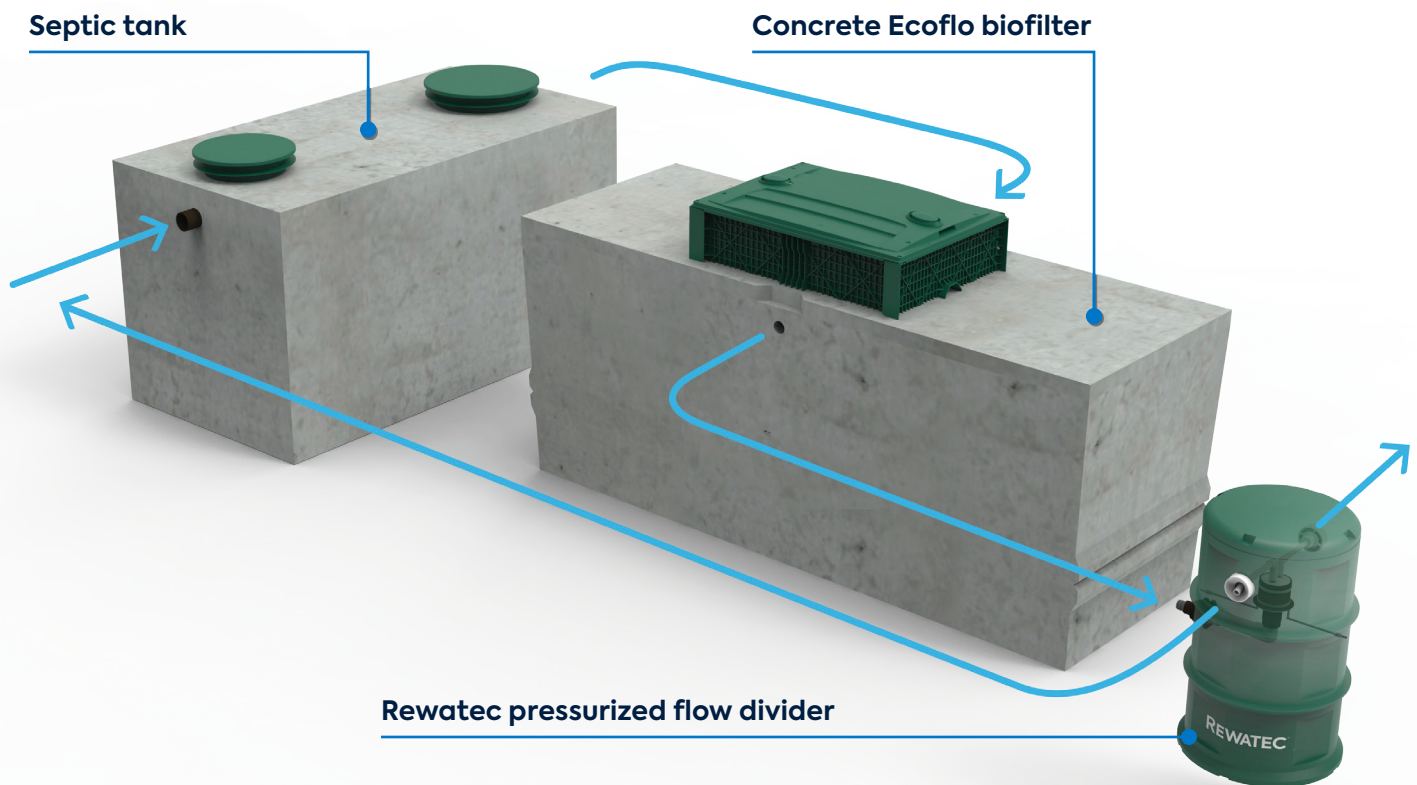
Our nitrogen reduction option converts ammoniacal nitrogen into nitrogen gas, allowing you to safely discharge wastewater near ecologically sensitive areas.

COMPACT SIZE

Ideal for sites with limited installation space.

TOTAL PROTECTION

Prevents property contamination and protects public health.



ECOFLO®

Our team is at your service

We support you by maintaining the performance of your system and ensuring your peace of mind.

HOMEOWNER TOUCHPOINT

After each installation, we invite new owners to an informal session to explain the Ecoflo biofilter's do's and don'ts, how to make sure their septic system is working properly, and answer their questions.

WARRANTY

Our 10-year Ecoflo biofilter warranty is the most complete in the industry:

- all treatment-related parts and labor
- proper functioning of the filtering medium
- no clogging of the septic drain field
- no substandard performance



Original Warranty		Replacement Warranty	
Material	Labor	Material	Labor

TREATMENT PROCESS AND COMPONENTS				
Natural, renewable, and compostable filtering medium	10 years	10 years	10 years	10 years
Treatment performance	10 years	10 years	10 years	10 years
No clogging or excess sludge	10 years	10 years	10 years	10 years
Tipping bucket and distribution plates	10 years	2 years	10 years	2 years
Access covers and sampling device	10 years	2 years	10 years	2 years

TREATMENT TANKS				
Polyethylene	10 years	2 years	10 years	2 years

PUMPING STATIONS				
Pump, alarm, and floats	3 years	3 years	2 years	2 years

* Original pumps, alarms, and floats guaranteed for three years. Replacements guaranteed for two years. Includes labor.

ECOFLO[®]

A product supported by the manufacturer

PREVENTIVE MAINTENANCE PROGRAM

Maintenance is an opportunity to identify components that need to be repaired or replaced. It is also a chance to correct small problems before they get more serious.

Annual maintenance is the best way to:

- protect your investment in your Ecoflo biofilter
- maximize the lifespan of your system's filtering medium
- ensure effective wastewater treatment for years to come

Your annual maintenance contract includes:

- maintenance visit by one of our trained partners
- analysis by our experts
- maintenance report (sent to you and archived in our files)
- 24/7 customer service

To consult your maintenance reports and information about your septic system, please visit our online Customer Space.

SYSTEM REFURBISHMENT AT A FRACTION OF THE PRICE

Changing the filtering medium is as good as getting a brand new system! All septic systems clog, and while the Ecoflo biofilter's all-natural filtering medium can extend beyond 15 years, it is no exception. But here's the good part:

Advantages:

- no excavation required
- no damage to landscaping
- 100% compostable filtering media
- completed within 2 hours
- renewal of original warranty

2023 COSTS

Service	Cost
Maintenance (average cost)	\$205
Filtering medium replacement	From \$2,995



People and Technologies making a difference

Making a difference for our planet — for 100 years

At Premier Tech, People and Technologies have connected in lasting, transformative ways for the last 100 years, giving life to products and services that have helped to feed, protect, and improve our world.

We aren't slowing down. Premier Tech is 100 years young, and our experts continue to innovate and redefine what is possible through effective, efficient, and sustainable solutions. We are driven by our shared passion, and are committed to spend our next 100 years protecting our resources for the future.

- founded in 1923
- family business
- 3,000 team members in North America
- 25 manufacturing facilities in North America
- 5,200 team members worldwide

Beyond 100



CUSTOMER SERVICE

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