

Calculate & compare

Example for an AST
(Advanced Secondary Treatment) system of 3
bedrooms in permeable soil

System O®

Mechanical
system

Filtering media
system

Energy costs (\$)
KWH/year consumption for the
whole system

**Filtering media
replacement (\$)**
• Media costs depending on
the replacement frequency
• Pumping costs depending
on the travel distance
• Disposal costs of the
contaminated material

**Mechanical maintenance
(\$)**
• List of the parts to change
with prices and lifetime of
each
• Hourly rate for the technician

**Annual maintenance
fees and/or
follow-up (\$)**

**Average lifetime
(number of years)**

**Total recurring fees
(\$)**

**System warranty
(number of years)**
System and/or components
(ex. : box), if applicable

Notes

System O® with the Advanced Enviro)Septic technology, distributed by DBO Expert.

ADVANCED
ENVIRO)SEPTIC®



System O® certifications

BNQ
Certificate No: 890
NQ 3680-910 Standard



CONTACT US

For more information or to discuss a project, do not hesitate to
contact one of our representatives.

WWW.SYSTEMO.CA

System O®

THE SIMPLEST TECHNOLOGY
TO TREAT WASTEWATER
**COST-EFFECTIVELY AND
NATURALLY**



There's a green wave growing in
Quebec and all around the world.
We need to treat our wastewater
in a responsible manner to
preserve nature's balance.

System O)) is a one-stop shop of proven and certified wastewater treatment solutions

System O)) is natural and eco-responsible. It is cost-effective in the short, medium and long term. All solutions are season-proof and adapt easily to the landscape and the environment. You can now treat wastewater with ease.

The Advanced Enviro))Septic technology is at the heart of System O)). Its process is in fact a controlled and concentrated reproduction of the natural regeneration cycle of our ecosystem. Thus, this technology links distribution, treatment and water infiltration in one.

The Advanced Enviro))Septic technology requires **NO ELECTRICITY** (no pump, no control system or aerator needed), **NO FILTERING MEDIUM REPLACEMENT** (peat moss, coco or other substrate), **NO REPAIRS** of any defective or obsolete moving parts and **NO CLEANING OF PIPES**.

CERTIFIED in Canadian (Quebec) soil, this technology is simplicity itself. In combination with other new technologies, we can now offer tertiary treatment solutions with phosphorus removal and disinfection.

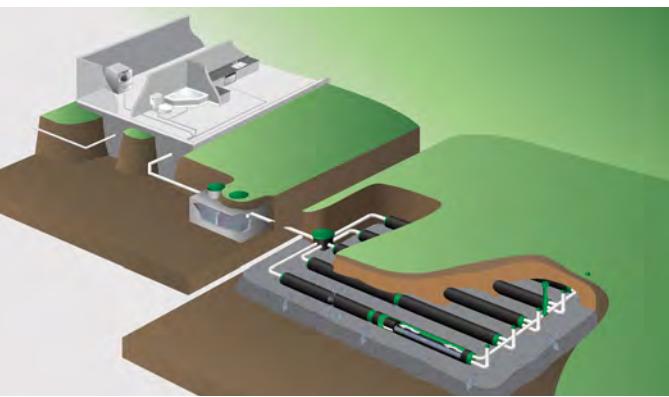
System O)) solutions are **COST-EFFECTIVE**, **NATURAL** and **LONG-LASTING**.

Following soil tests, we will determine the System O)) solution that best fits your needs. Here are the various treatment chain solutions:



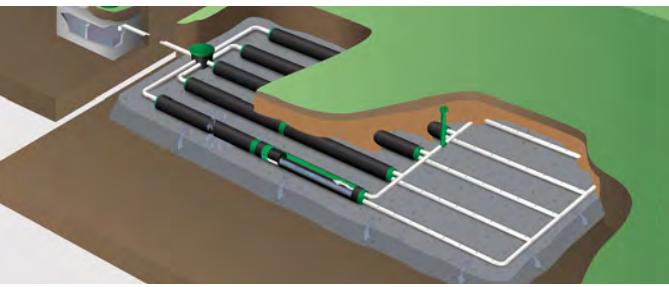
○ Distribution and Infiltration System

When the ground and the terrain allows, the installation is done like a conventional installation. The Advanced Enviro))Septic technology replaces the perforated pipe and is considered an infiltration chamber. **Increased durability & no annual follow-up required.**



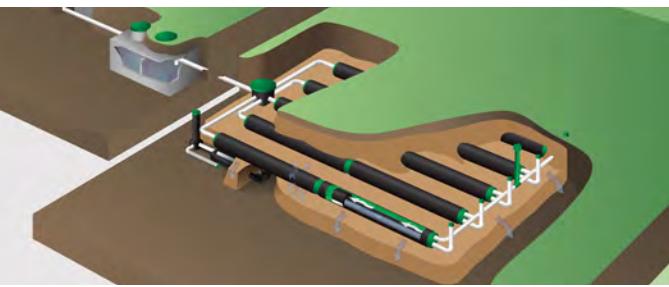
○ Revised Conventional Installation

A hybrid way of combining Advanced Enviro))Septic pipes to a conventional field. **Very cost-effective, longer-lasting & without an annual follow-up.**



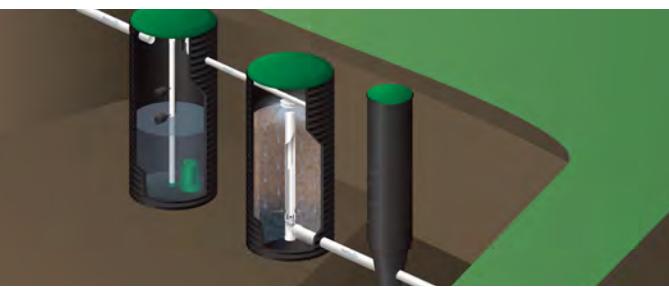
○ Advanced Secondary Treatment Class III

The most commonly installed model, it can be installed in a highly permeable, permeable, low permeability or even waterproof soil. Requires a space that is approx. **50% smaller than a conventional field**.



○ Tertiary Treatment Class IV*

Treatment chain with a simple and passive **phosphorus removal** unit.



○ Tertiary Treatment Class V

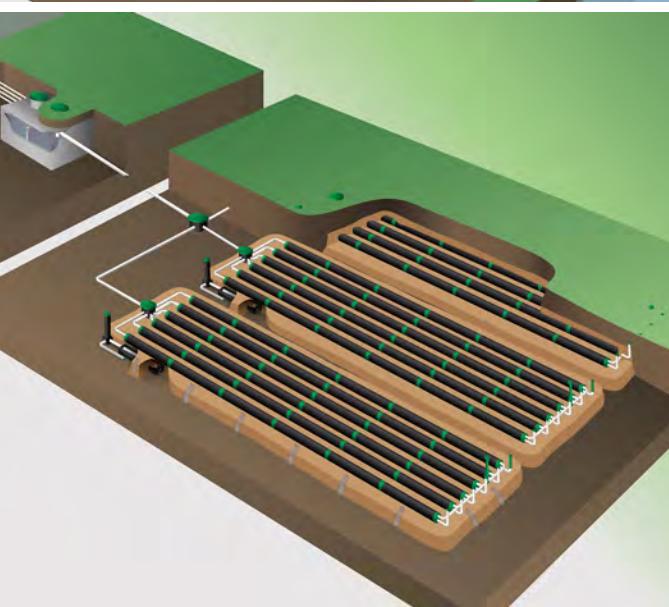
Treatment chain with a **disinfection** unit with a very low energy consumption.



○ Commercial, Community & Institutional

The ideal solution for hotels, motels, campings, mines or community projects... Please contact us, and one of our representatives will be happy to help you with your project.

In the state of New Hampshire, in the United States a Enviro))Septic system is used to treat wastewater coming from a resort atop Mount Washington. The Advanced Enviro))Septic system there ensures the purification and evacuation of 450,000 liters of water per day during peak times.



* BNQ certification in progress. Patent pending.