



BIONEST

Sustainable Wastewater Management



CHOOSE THE
**BEST SEPTIC
SYSTEM**

FOR YOU!



A PRACTICAL GUIDE

QUÉBEC



OUR STORY...

Bionest represents a quarter century of expertise! We're a Quebec company specialized in decentralized wastewater treatment for residential, commercial and municipal projects. Our team recommends, develops, markets, and maintains some of the most ecological biological treatment solutions. There are thousands of customers around the world who trust us!

Dedicated experts, durable septic solutions

EXPERTS IN WASTEWATER SOLUTIONS IN QUEBEC



Being well advised is essential to being well protected. Our experts know all the ins and outs of the septic system purchasing process. They have summarized the key steps in this guide.



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We're available for you!
Schedule an appointment

1 866 538-5662





TIPS & TRICKS TO BE WELL PREPARED

To make informed decisions regarding wastewater treatment, you need to have all the information. Whether you are considering changing your septic system or installing a system for a new construction, the following steps are essential to the success of your project.

- 1 Consider all aspects before you begin
Identify your requirements to launch your project effectively
- 2 Target competent and recognised professionals
A list of certified professionals located nearby
- 3 Choose the best solution for your needs
Opt for a certified product offering peace of mind
- 4 A team available before, during and after the installation
Our skilled professionals are always ready to assist you

TYPES OF TREATMENT

Depending on your property's environment and soil type, you will need one of the following types of treatment.



CONVENTIONAL

1

Treatment system consisting of a septic tank and a leaching bed.

The tank retains solids and the soil under the leach field removes the remaining pollutants from the water.

2

ADVANCED SECONDARY

An additional treatment unit is required to reduce pollutants to an acceptable level before discharge into the environment.

Requires annual maintenance according to the requirements of the Ministry of the Environment.



TERTIARY

3

Specific pollutants are required to be treated - faecal coliforms being the most common.

The Ministry of the Environment requires these systems to be maintained twice a year, with sampling of the discharge.

STEPS TO FOLLOW



Essential to fully grasp the industry
and meet government standards



IDENTIFY YOUR NEEDS

*Before starting the project, specify your needs
to better guide your consultant.*

Essential criteria

- Do I have a single-family home, a condo, a cottage, or something else?
- Will the dwelling be used seasonally or intermittently?
- Do I have a waste disposal unit, a well, a water softener?
- Do I have a business in my house (e.g. daycare, food processing, pet grooming)?

The types of terrain

- Is my land very small with close neighbors?
- Am I near a stream, a lake, or a ditch?
- Do I want to preserve trees?
- Am I in mountainous terrain?
- Will my septic system be higher than my house (pump required)?

THE PROJECT

*Need pros to carry out the work in your area?
Don't worry! We can refer you to the right people.*



STUDY

1

A consultant (technologist or engineer) will conduct a characterization study (also called a soil test) to determine if your land needs a conventional, advanced secondary, or tertiary treatment system and to meet the standards that protect our environment. We have a list of consultants to refer you to.

2 YOU CHOOSE

Your designer will propose all certified products that can meet your needs. You can choose the one that suits you according to your preferences such as durability, aesthetics, and media replacement costs. Finally, your designer will give you your implementation plans.



INSTALLATION

3

With the plans, you must obtain a permit from your municipality for the installation of a septic system.

Choose an installer (excavator) with an RBQ license under subcategory 2.4 (self-contained sanitation system contractor) and authorized by the chosen technology manufacturer. We can refer a qualified installer for you.

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MAINTENANCE

All septic installations in Quebec must meet the requirements of the Ministry of the Environment.



EMPTYING

1

According to regulations, your septic tank or primary reactor must be emptied every two years. Sometimes, the municipality takes care of it and includes the costs in your property taxes. If not, you must deal with a septic tank pumper.

It is important to know that some municipalities allow pumping every four years for seasonal installations.

2 ANNUAL MAINTENANCE

According to regulations, the owner of a treatment system must be bound at all times by contract with the system manufacturer, its representative, or a qualified third party with the stipulation that a minimum annual maintenance of the system will be carried out to achieve the expected performance.

Cleaning of the effluent filter located in the septic tank or primary reactor is normally required twice a year (spring-fall) or more, depending on usage.



OUR PRODUCTS & SERVICES



We take care of everything!
Enjoy peace of mind, an installation that does
not affect your landscaping and qualified staff to
serve you!



DESIGNED AND MADE IN QUEBEC

ZENITH PRODUCTS

- Certified technologies for our climate
- Media that **never** needs to be changed
- Compact and completely buried
- Simple, durable and reliable
- Exceptional purification performance

Composed of two concrete or plastic tanks, water circulates by gravity until it is discharged into the environment. The leaching bed, on the other hand, has an area **60% smaller** than a conventional leaching field.



Up to **\$ 5,500**

in tax credit applicable to a
Bionest system!

REVENU

QUÉBEC



UPGRADING SYSTEMS...

When a septic system has reached the end of its useful life, meaning it no longer protects the environment, the municipality notifies the owner that it must be replaced.

Good news! A tax credit offered by the Quebec government is currently effective. Up to 20% of related expenses are eligible. Please note that septic installations as part of a new house are not eligible.

The **ZENITH** product range is ideal for compliance projects. In some situations, the existing leaching bed could be reused. So you don't have to sacrifice more land surface, and it reduces damage to your existing landscaping! Talk to one of our experts.

Need more information about this program? [Click here.](#)

MAINTENANCE SERVICE

by Bionest



Bionest is present throughout Quebec and completes thousands of maintenance appointments annually. We take care of everything! Our friendly technicians are trained to provide top-quality service. The after-sales service will contact you every year to schedule your maintenance. If you wish and if it's possible, you don't even need to be present. Just give us your permission to access your property and it's done!



PREMIUM SERVICE



Our experts are here for you. They will give you tips and advice that will save you a lot of trouble. They can refer experienced consultants and/or authorized installers and even inform you on the use of a septic system. Our teams are committed to supporting you throughout your project and the entire lifecycle of your installation.

Feel free to ask us questions! You will get answers quickly without any commitment on your part.

A real turnkey solution
and it's **FREE!**

1 866 538-5662 <<

OUR PURPOSE



Ensuring water's sustainability!

