

SYSTEME
ENVIROSEPTIC
SYSTEM



Owner's Guide

Enviro-Septic[®] System

ESP-Ontario Model

Residential Application
Province of Ontario

BMEC Authorization no: A2005-18

September 25th 2008



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Introduction

Congratulations! You have chosen the Enviro-Septic® System for your septic installation. This system was developed to effectively treat wastewater from the septic tank of your home. However, certain instructions must be followed in order to maintain its treatment performance so that you can make use of it for many years.

We ask that you carefully read through this document and keep it in your files for future reference.

The purpose of this document

This user guide explains the proper use, procedures and inspections required in order to ensure the proper operation and longevity of an Enviro-Septic® System for residential wastewater treatment.

Please note that it is the owner’s responsibility to ensure that the system is used properly and according to its treatment capacity. It is also their responsibility to respect the rules and regulations in effect especially the standards for discharge into the environment.

Your Enviro-Septic® System

Designation of the Enviro-Septic® System

Name: Enviro-Septic® System

Model: ESP-TS

Class and treatment type: The Enviro-Septic® system meets all the requirements of the NQ 3680-910¹ standard for class II – secondary treatment water treatment systems in Quebec and meets the requirements for Tertiary Quality Criteria in Ontario.

Application Domain: Residential Wastewater (sewage).
The system cannot be used to treat wastewater to make it drinkable. It is made to treat residential wastewater to an acceptable level for it to be reintroduced into the environment according to applicable standards.

¹ NQ 3680-910 standard, Wastewater treatment – Stand-Alone Wastewater Treatment Systems for isolated Dwellings, Bureau de Normalisation du Québec, 2000-06-16

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Definition of the Enviro-Septic[®] System

The Enviro-Septic[®] system is composed primarily of two inseparable components: the rows of Enviro-Septic[®] pipe and a layer of system sand.

The Enviro-Septic[®] system must be preceded by a septic tank with an effluent filter and a wastewater distribution device. The treated water is drained directly into the soil beneath the treatment system.

What to do if a problem occurs?

If in the course of normal use of your septic system you notice any of the following problems:

- presence of abnormal odor in the house, around the septic system or emanating from sources of drinking water,
- abnormally wet soil, presence of persistent puddles or odors in the area of the septic tank or the Enviro-Septic[®] system,
- slow flushing toilets or other plumbing in the home,
- presence of abnormally abundant vegetation on the surface or around the septic tank or the Enviro-Septic[®] system installation,
- flooding in the area where the Enviro-Septic[®] system is installed,
- erosion of the land fill on or around the Enviro-Septic[®] system,
- alarm from the pumping station if such a device is part of your installation,

Immediately contact your contractor or inspection technician or the customer service of Make-Way Environmental Technologies Inc. 1-866-625-3929. Please have available the information from Appendix B – Register of information specific to your Enviro-Septic[®] system.

Customer service and Technical support information

Please do not hesitate to contact us if you need further information.

We can be contacted at the following coordinates:
 Telephone: 1-866-MAKE-WAY (625-3929) or (519) 709-0681
 Fax: (519)235-0570
 Email: itech@makeway.ca
 Internet site: www.makeway.ca

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Enviro-Septic[®] Pipe Descriptive Tag

Each of the Enviro-Septic[®] pipes used in the installation of your Enviro-Septic[®] system is attached with a descriptive tag similar to the one in Figure 1.

This tag is sewn onto the geotextile over the pipe. It must be present on every Enviro-Septic[®] Pipe when installed. Do not remove it as it is meant to be buried.



Fig. 1 – Enviro-Septic[®] Pipe Descriptive Tag

System tag

Each Enviro-Septic[®] system must be identified with a specific system tag. This tag, similar to the one shown in figure 2, will be installed in the sampling device access port. It will be added during the installation of the system. The number shown at the bottom of the tag will help to identify your system.

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ENVIRO-SEPTIC <small>SYSTEME</small>	Distributeur autorisé au Canada / Canadian Authorized Distributor:	DBO Expert inc. 1-866-440-4975		
	Distributeur en Ontario Ontario Distributor:	Makeway Environment inc. 1-866-Makeway (1-866-625-3929)		
	Modèle / Type :	ESP-Ontario Conduites / Pipes: ESP-TS Canada		
	Fabriqué aux / Made in :	États-Unis / USA		
	Par / by :	Presby Environmental, Inc. 143 Airport Road, Whitefield, NH, 03598		
	Commission d'évaluation des matériaux de construction / Building Materials Evaluation Commission BMEC Authorization Number:	A2005-18		
	Date d'installation / Installation date	<input type="text"/>		
	Capacité hydraulique du système/ Hydraulic Capacity of the system	<input type="text"/>		
	Note : Le système de traitement Enviro-Septic doit être précédé d'une fosse septique certifiée ou d'un traitement primaire adéquat / The Enviro-Septic system must be preceded by a certified septic tank or an appropriate primary treatment.			
	No. de System / System number:	<input type="text"/>		

Fig. 2 –Enviro-Septic[®] System Tag

Certified Contractor

The Province of Ontario requires that all designers and installers of septic systems must be certified by the Province. Designers and Installers of the Enviro-Septic[®] System must also be certified by the manufacturer or manufacturer's representative. Certification is obtained by attending the "Enviro-Septic[®] Designer and Installer Certification Course" presented by Make-Way Environmental Technologies Inc.

Enviro-Septic[®] System Capacity

The capacity of your Enviro-Septic[®] system depends on the configuration designed and installed on site.

Initially, Each section of Enviro-Septic[®] pipe (ESP) has the capacity to treat 90 L of wastewater per day or 30 litres per linear meter of pipe. Therefore, the formula to determine the basic capacity of your Enviro-Septic[®] system is:

$$90 \times \text{Number of Enviro-Septic}^{\text{®}} \text{ pipes installed.}$$

This being said, for some configurations, the capacity of the underlying soil to evacuate the treated wastewater may be lower than the capacity of the pipes installed. Therefore, it is important to verify with the designer the actual capacity to treat and evacuate of the system installed.

That capacity will also appear on the system tag.

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Residential Wastewater

Your system was design to treat domestic wastewater. Table 2 indicates the normal characteristics of raw domestic sewage. The water entering the Enviro-Septic system needs to be within the range of the parameters shown for the septic tank effluent.

Table 2

Parameters	Units	Raw Sewage	Septic Tank Effluent
TSS	Mg/L	237-600	50-90
CBOD ₅	Mg/L	210-530	140-200
Fecal Coliform	UFC/100ml	10 ⁶ -10 ¹⁰	10 ³ - 5 × 10 ⁶

Reference : Tchobanoglous and Burton (1991)

Warranty certificate

Enviro-Septic[®] comes with a manufacturer’s limited warranty. The warranty details are presented in Appendix A.

How does the Enviro-Septic[®] system works?

The Enviro-Septic[®] system is a passive technology which facilitates the proliferation of the bacteria responsible for wastewater treatment. It is comprised mainly of two inseparable components: the rows of Enviro-Septic[®] pipes and a layer of system sand.

The Enviro-Septic[®] system must be preceded by a septic tank with an effluent filter and a distribution box (or another method of distribution).

The system must be installed according to the Ontario Design and Installation Manual and in accordance with the Building Materials Evaluation Commission (BMEC) Authorization A2005-18 and Part 8 of the Ontario Building Code (OBC).

Treatment process of the Enviro-Septic[®] system

The rows of Enviro-Septic[®] pipe and system sand permit the treatment and distribution of wastewater on the surface of the receiving soil.

The pipes support, first of all, the separation of particles through flotation and decantation. The water is then evacuated through perforations situated all around the pipes and through the pores of the two layers of synthetic media covering the pipes. These membranes facilitate the fixation of the microbic cultures which support wastewater treatment as well as longitudinal distribution.

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The layer of sand continues the treatment process and helps in dispersing the water before it infiltrates into the natural soil. In this way, the Enviro-Septic[®] system integrates both functions.

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Enviro-Septic[®] Chain of treatment

There are five (5) main components in the Enviro-Septic[®] chain of treatment. They are:

- Septic Tank
- Effluent filter.
- Distribution device
- Enviro-Septic[®] pipe and
- Enviro-Septic[®] system sand.

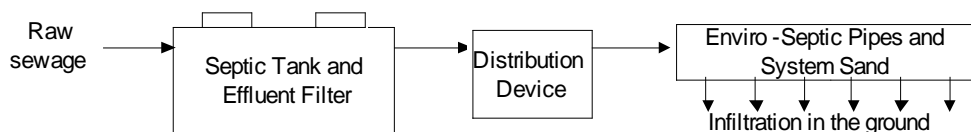


Fig. 3–Enviro-Septic[®] chain of treatment

Diagram of the Enviro-Septic[®] system

The following diagram presents the Enviro-Septic[®] system

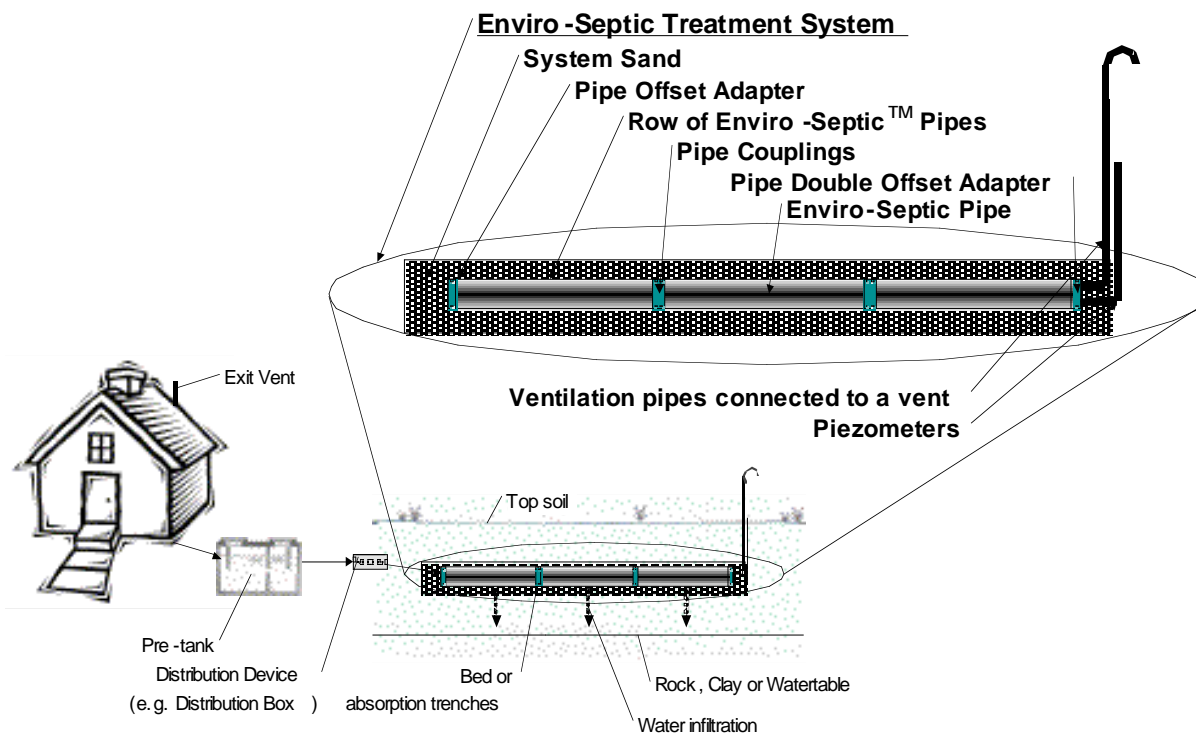


Fig. 4–Enviro-Septic[®] system

Enviro-Septic® System Components

Your septic system includes several components. All of these components are parts of the treatment process of your installation. The following table presents the list of these elements.

However it should be noted that some of these are only used when site conditions require them.

The table also presents a summary of inspections required for each component. More detailed information on this subject is presented in the sections that follow.

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Enviro-Septic [®] System Components				
Component of the septic system	Function	Follow-up needed	Frequency	Responsible for follow-up
Septic tank	Primary wastewater treatment	Periodic emptying	According to standards and regulations in effect	Owner is responsible to have work done by qualified personnel
Septic Tank Effluent Filter	Retention of solids that are larger than the maximum openings of the filter.	According to manufacturer's instructions		
Distribution systems 3 options A) Distribution box and flow equalizers B) Pressure distribution (feed) system C) Automatic distributing valve	Distributes the septic tank effluent to the rows of Enviro-Septic [®]	A) According to water level in the piezometers	A) As needed	A) Owner
		B) According to the manufacturer's directions.		
		C) According to the manufacturer's directions.		
Rows of Enviro-Septic [®] Pipe.	Distribute and treat wastewater	See piezometers		
Piezometers	To check the water level of each row of Enviro-Septic [®] pipe	Measure water levels	Once or twice a year as preventative measure, before emptying septic tank	Owner or qualified person
Sampling device	To verify the treatment performance of the Enviro-Septic [®] System	Ensure that there is access to this device	1 st sample taken within 12 months after system is put into use. Thereafter, once every year. (BMEC)	Qualified person
Vent	To allow the circulation of air in the Enviro-Septic [®] System	Ensure that the opening is not blocked	As needed	Owner
System sand	To complete the water treatment process and to improve the drainage	No		

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Pumping station (optional)	Lift septic tank effluent to the Enviro-Septic [®] System	According to supplier's specifications
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Operating the Enviro-Septic[®] System

Initial Use At the time of installation the septic tank must be filled with clear water.

If a pumping station is used, the installer will verify that it is functioning properly at the time of installation. The home owner must make sure that there is adequate electricity to safely operate the equipment as well as the alarm component.

The Enviro-Septic[®] system is now ready for use.

Intermittent Use or Prolonged Absences The Enviro-Septic[®] system is a passive wastewater treatment system. When properly installed, it requires no particular attention for intermittent use or in the case of prolonged absence.

Enviro-Septic[®] System Operating Instructions

The use and the maintenance of an Enviro-Septic[®] System are relatively simple. In the sections below you will find the basic rules to follow to ensure the proper operation of your Enviro-Septic[®] System. The compliance to these rules is essential to the correct operation of any septic system.

To simplify understanding, these rules are presented to you as things to do or not to do in each part of the house and outside around the house.

Wastewater Volume Large quantities of water that leave the house and enter the Enviro-Septic[®] System in a short period of time could have a negative impact on the effectiveness of the treatment and the infiltration of wastewater. Large quantities of water can cause agitation in the septic tank. A certain quantity of sludge or scum is susceptible to be put into suspension and be brought towards the System and the infiltration bed. The frequency of such an event must be minimized.

You must ensure that the volume of wastewater entering the Enviro-Septic[®] System is reasonable when compared to the total daily flow.

After the installation, if changes are made to the residence (ex. addition of a bedroom), please contact the designer of the Enviro-Septic[®] system. Make

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sure that the septic system is inspected by a qualified person to determine that it has the necessary capacity to treat and infiltrate the new daily design flow of wastewater being generated.

In the bathroom

Do:

- immediately repair any leaking faucet or toilet,
- use a reasonable quantity of toilet paper.

Do not :

- use disinfectant in tablet (puck) form, whether it is placed in the basin or the tank,
 - throw cigarettes, cigarette butts or medication in the toilet,
 - throw paper towels, paper napkins or other personal hygiene products in the toilet.
-

In the kitchen

Do:

- repair any leaking faucet,
- use dish soap or dishwasher soap that is low in phosphate (0 with 5%),
- use the necessary quantity of soap to do the work. Take note that the necessary quantity is often less than suggested by the manufacturer,

Do not :

- use a food waste disposal unit in your sink that is connected to your septic installation,
 - dispose of vegetables, meats, fat, oil, coffee beans, citrus products or other products into the septic system.
-

For the laundry

Do:

- use phosphate free detergent, preferably in liquid form. If it is not possible, use biodegradable powder detergent,
 - use the necessary quantity of soap to do the work. Take note that the necessary quantity is often less than that suggested by the manufacturer,
 - minimize the volume of water used for the laundry according to the quantity of clothing to wash,
 - If possible spread your loads of laundry throughout the week.
-

Elsewhere in and around the house

Do:

- divert drainage and rain water away from the surface of the Enviro-Septic[®] system.

Do not :

- discharge water softener backwash into your septic system,
 - discharge any water from swimming pool filters, spas or other
-

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- appliance that discharge chlorinated water into your septic system,
- let water from sump pumps, roof drains (gutters) and drainage pipes discharge into the septic system,
 - dispose of solvents, paints, antifreeze, engine oil or other chemicals in the septic installation. This includes water used to wash brushes or rollers that were used with latex paint (latex paint contains elements that are harmful to septic system),
 - dispose of animal litter in the septic installation.

Chemicals for septic installation

Your Enviro-Septic[®] System does not require any starting chemical, cleaning or other additives. The bacteria that carry out the treatment are naturally present in raw domestic sewage. Any chemicals or additives added to the Enviro-Septic[®] System could possibly kill these bacteria.

Aeration

It is very important to ensure good aeration occurs so that the septic system functions correctly. The vent (or vents) installed at the ends of the septic system encourages this aeration. It is important to make sure that the opening is not blocked and that air can circulate freely at all times. Air enters through the vent, circulates through the rows of pipes and the septic tank and travels through the plumbing of the house to exit through the roof vent.

The owner must be sure to have a roof vent and to keep it clear at all times.

Heavy machinery and motorized vehicle traffic

No heavy machinery must be driven on a septic system, whether it is before, during or after its construction. This includes any motorized vehicle. The effectiveness of the drainage in the ground depends on the presence of a non-compacted natural soil that is unsaturated with water. Heavy machinery or motorized vehicle traffic on the soil closes the natural pores of the soil which reduces its permeability and allows for pounding and the accumulation of water.

Vegetation

The surface of the septic system must be planted with grass. The grass must be cut regularly in order to encourage growth without the use of fertilizers. Vegetation cover contributes to the elimination of nitrogen and phosphorus.

It is important not to plant trees or other plants with invasive roots within the proximity of the septic installation (minimum distance 2 meters).

Enviro-Septic[®] System Maintenance

Septic Tank Maintenance

The septic tank must be pumped out regularly according to municipal regulations. Generally it should be pumped out every two years for residential use or every three to five years for seasonal applications.

The liquids and solids will be removed when pumping out the septic tank. The septic tank is then filled with water.

At all times, a professional using the proper equipment must carry out the pumping out of a septic tank.

The owner is responsible to ensure his septic tank is pumped out according to local regulations.

Note: It is the home owner's responsibility to make sure that at all times the septic tank lids are in their proper position and securely fastened. A lid that is not installed correctly can be harmful to the operation of the Enviro-Septic[®] System. Moreover, entering a septic tank can be very dangerous. Only a qualified person may perform this work.

Pre-filter (Septic tank effluent filter)

The effluent filter is now mandatory for all septic tanks.

The effluent filter must be cleaned according to the maintenance and inspection procedures provided by the manufacturer.

Distribution box and flow equalizer

During normal use of your septic system the distribution box and the flow equalizers do not need adjustment. The initial levelling during installation and the self-levelling capability of the flow equalizers are generally enough to maintain an equal distribution of water among the rows of Enviro-Septic[®] pipe. However, a difference of more than 100 mm between the lowest and highest water level in the piezometers for two consecutive measurements indicates that the equalizers may need adjustment. A qualified person must then carry out the adjustment(s).

Enviro-Septic[®] Pipe Rows

Under normal use, the rows of Enviro-Septic[®] pipe do not require maintenance. It is normal to find fluctuation of the water level in the pipes. On the other hand, if the water level(s) reaches 260 mm, a rejuvenation of the

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Enviro-Septic[®] System must be considered. A qualified person² must carry out this procedure.

² There may be costs related to this operation, if the problem is due to improper use of the system or due to a design or installation problem.

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Piezometers

No maintenance is required on the piezometers. However, the owner must ensure that the caps are in place.

Sampling device

The Enviro-Septic[®] System must have a sampling device. A pipe of 100 mm in diameter closed off by a cap must be above grade, located on the outside of the rows of Enviro-septic[®] pipe (see figures 5 and 6).

The owner must make sure that the sample port is always capped. The sample port will be used on occasion by an inspection technician to analyze the performance of the Enviro-Septic[®] System according to requirements in effect.

Enviro-Septic[®] System Components installed in ground

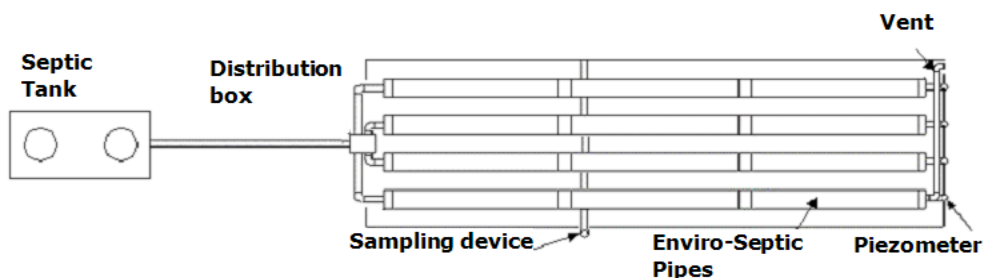


Fig. 5

Enviro-Septic[®] System Components visible

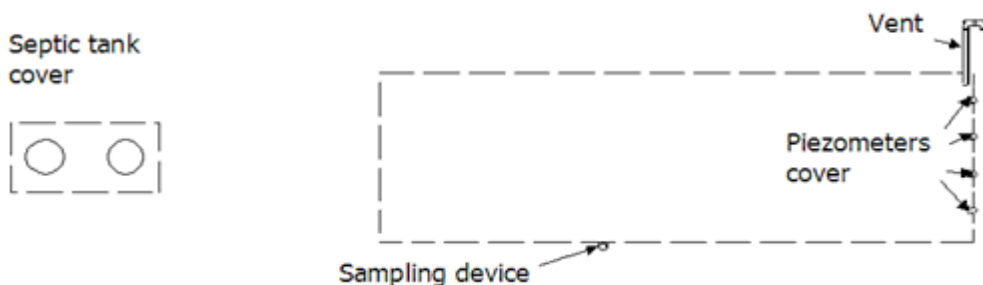


Fig. 6

Note: The position of the components may vary according to the layout configuration. The dotted lines represent the position of the septic tank and the Enviro-Septic[®] System.

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Vent	The vent does not require any maintenance. The owner must however ensure that nothing prevents the circulation of air. In the winter, the opening of the pipe must be sufficiently high so that snow does not block the passage of the air. There must also be a difference of at least 3 meters, at all times, between the low vent situated at the extremity of the Enviro-Septic [®] system and the high vent usually located on the roof.
System Sand	There is no maintenance to be done on the system sand during normal use of the Enviro-Septic [®] System.
Pumping station or low pressure distribution system	In certain cases, the site constraints require the use of a pumping station or a low-pressure distribution system to evenly distribute the water. The owner is then responsible to comply with the manufacturer's schedule maintenance requirements of this equipment.
Surface above the Enviro-Septic[®] System	The surface located above the Enviro-Septic [®] system must be covered with herbaceous vegetation. A light slope must be given to the surface in order to help the drainage of rainwater towards the outside of the system. The grass must also be cut regularly. Finally, any depression that could be created with time must be filled in order to avoid any accumulation of water above the system and to prevent erosion.

Owner's Responsibilities

Owner's Responsibilities

The owner is responsible for:

- using the Enviro-Septic[®] System according to the instructions presented in the user guide.
- pumping out the septic tank according to the regulations in effect.
- recording the information for the pumping out of the septic tank and forwarding the information to Make-Way Environmental Technologies Inc. when requested.
- maintaining the effluent filter, the pumping station, the pressure distribution system or the automatic wastewater distributing valve according to manufacturer's specifications and recording the information if this equipment is part of the system.
- ensuring that the vent openings are clear of any obstacle.
- providing access at all times to the Enviro-Septic[®] system, the piezometer covers, the sampling device and the vents.
- adhering to the requirements of the applicable rules and regulations, in particular with regards to the discharge standards of the system to the environment.
- having at all times a service/maintenance agreement in place with Make-Way Environmental Technologies Inc. or one of its representatives whenever regulations so oblige.
- periodically verifying the water levels in the piezometers (see Measuring the Water Levels in the Piezometers) or having it done by a qualified person.

Qualified person

The qualified person that performs the maintenance or the inspection of an Enviro-Septic[®] System is a person who was trained and certified by Make-Way Environmental Technologies Inc. to perform the tasks associated with the Enviro-Septic[®] system. Make-Way Environmental Technologies Inc. trains these people to carry out the inspections of the system, perform adjustments to the equalizers and/or carry out the rejuvenating procedure.

To obtain the name of a qualified person in your area, contact our customer service department at 1-866-MAKE-WAY (625-3929).

For maintenance on the pumping station and the pressure distribution system, the owner must refer to the user guide specified by the manufacturer of these systems.

The pumping out of the septic tank must be performed by a company specializing in that field. Check with your municipality for the companies in your area that are qualified to do this work.

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Measuring the Water Levels in the Piezometers

The procedure for measuring the water level takes place where the piezometers are located, at the extremity of the Enviro-Septic[®] System.

Warning: Water present in the piezometers is wastewater. It is important to take the necessary precautions while taking the water level measurements. The person taking the measurement must wear protective gloves. The use of disposable protective gloves is recommended. In order to avoid possible contamination, avoid direct contact with wastewater.

Water level measuring sequence:

1. Remove the cap from the piezometer to be measured.
2. Insert a wooden stick or a meterstick (measuring instrument) into the piezometer so that it comes in contact with the water that can be present in the bottom of the piezometer. Normally, a wooden stick of one meter in length will be sufficient. If on the other hand your piezometers are longer, use a longer wood stick. A string attached to the wooden stick can also be used in this case to lower and lift your measuring instrument in the piezometer.
3. By using a meterstick, determine the water level in the pipe by observing the height of the wet area. If the reading proves to be difficult, add some fine sand on the wet area before lowering it in the piezometer. Most of the sand will be removed from the area that will have soaked in water and the reading will be easier.
4. Note the water level of the piezometer.
5. Replace the cap on the piezometer
6. Dry the wet area on the wooden stick or meterstick using disposable rags.
7. Repeat all the steps for each piezometer.
8. Clean the meterstick, the wooden stick or the gloves if they are reusable. Place the disposable gloves and rags in a plastic bag and properly secure the bag.
9. Record the results obtained in the table provided with your inspection contract.

Diagram of water level measurement

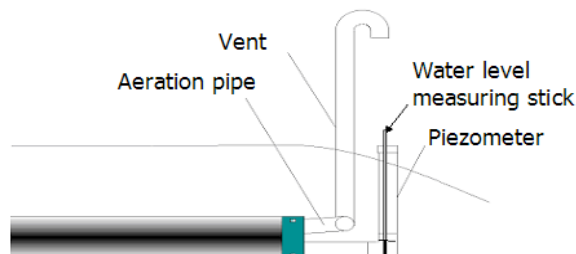


Fig. 7

What to do if water level is high

With time, the water level can increase in the Enviro-Septic[®] pipes. It is normal to find a certain water level in the rows of Enviro-Septic[®] pipes. A high level represents an unusual case. Fortunately, the Enviro-Septic[®] System has the capacity to rejuvenate itself. This makes it possible to practically recreate the original conditions of the water treatment of the Enviro-Septic[®] system.

If the level of water in the piezometers exceeds 260 mm (10.5 inches) please contact Make-Way Environmental Technologies Inc. or your inspection technician who will inform you of what needs to be done. As a general rule, we will suggest one of the following rejuvenating procedures.

There are three rejuvenating procedures possible.

1. The natural rejuvenation that occurs following a reduction of use of the septic system for a period of a few days or weeks (e.g. during a vacation).
2. The forced rejuvenation that consists of pumping out the septic tank and removing water from the Enviro-Septic[®] pipes at the same time.
3. The forced rejuvenation with cleaning that consists of draining the septic tank and removing water and the inorganic matter that could have accumulated in the pipes over the years.

A qualified person must carry out the forced rejuvenation procedures.

Occasionally, at the time of a forced rejuvenation, the septic tank is not filled with clear water as in the case of a normal draining. This procedure must then be made at the time when the groundwater is low and that there is no danger that hydrostatic pressure is exerted on the septic tank.

As a preventive measure, it is recommended to check the water level in the piezometers a few days before performing a regular pumping out of the septic tank. If the water level is too high, the pumping out of the septic tank could be done at the same time a forced regeneration procedure occurs.

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Appendix A - Information Specific to Your Treatment System

Information on your Enviro-Septic® System

Installation date: _____

Contractor /Engineer: _____

Installer: _____

Municipal inspector: _____

Number of rows of pipes: _____

Model of pipes _____ Manufacturing date _____

Water Distribution

- Distribution box
- Pumping station
- Wastewater distributing valve
- Pressure distribution system

Septic tank capacity: _____

Notes

Appendix B - Presby Twenty Year Limited Warranty

The limited warranty on Enviro-Septic[®] pipes is provided by the manufacturer of the product, Presby Environmental Inc. through its duly authorized distributor, DBO Expert Inc.

It is presented in the next two pages.



Presby Twenty Year Limited Warranty

This Twenty Year Limited Manufacturer's Warranty is provided by the Manufacturer, Presby Environmental, Inc., a New Hampshire corporation having a mailing address of Route 117, PO Box 617, Sugar Hill, New Hampshire, 03586 (hereinafter called "Presby"). This Warranty applies only to Presby Products sold by or through its duly authorized distributor, DBO Expert, inc., a Quebec corporation having a mailing address of 1420, Route 222, St-Denis de Brompton (Québec) J0B 2P0 (hereinafter called the "Distributor"). "Presby Products" means Presby's Enviro-Septic[®] leaching systems and Presby Maze[®] with the required accessories (couplings, offset adaptor).

Warranty: Presby warrants that Presby Products are free from defect for twenty years from the date of installation but in no event more than twenty-one years from the date of manufacture. Product Defects means defects or damage to the Products caused by or occurring during the manufacturing process or Products which wear out or break during the Warranty period. This Warranty does not cover or apply to damages to the Products caused by or resulting from transit or from accident, misuse, abuse, neglect, storage, installation, repair, maintenance or from use other than normal and ordinary use of the Products. This Warranty does not apply to damages to the Products caused by or resulting from failure to install or use the Products in accordance with distributor's instructions which have been approved by Presby or failure to properly inspect and maintain the Products.

Warranty Registration, Claim Process and Remedy: In order to enforce this Warranty, the Follow-up Agreement must be completed and returned to the distributor within thirty days of purchase of the Products. Any claim under the Warranty must be in writing and received by the distributor within thirty days of the date when the facts giving rise to such claim under this Warranty become known or are otherwise discovered. The distributor must be provided with an opportunity to inspect the Products as installed. Failure to comply with these requirements renders the Warranty null and void. If, during the Warranty period, the distributor and Presby find and determine that defects in Products exist which have caused a septic system failure, then the distributor and Presby's sole and exclusive obligation is to either repair the Products or provide replacement Products. The distributor and Presby, in their discretion, shall determine whether to repair the Products or provide replacement Products. The distributor and Presby shall have no obligation to remove any defective Products or to install any replacement Products. The distributor and Presby shall not be liable or responsible for any other damages or claims arising from or relating to defective Products, including but not limited to claims for general, consequential, or incidental damages, lost profits, or attorney fees.

Disclaimer: The distributor and Presby otherwise make no express warranty concerning the Products and the distributor and Presby disclaims any and all warranties, express or implied. Except as stated herein, there are no warranties express or implied, and the distributor and Presby do not warrant that the goods are merchantable or fit for any particular purpose. Any claim or controversy relating to this Warranty, or to matters of place of contracting, interpretation, performance or breach thereof, shall be brought in and adjudged in accordance with the applicable laws of the State of New Hampshire.

Owner's signature

Authorized installer (Name of the company)

Date : _____



Certificat de Garantie limitée de 20 ans

La présente garantie limitée de 20 ans est offerte par le manufacturier Presby Environmental Inc., une corporation du New Hampshire établie à l'adresse suivante : Route 117, P.O. Box 617, Sugar Hill, New Hampshire, 03586 (ci-après appelée « Presby »). Cette garantie s'applique uniquement aux Produits de Presby vendus directement par son distributeur autorisé DBO Expert inc. ou par l'entremise de celui-ci, dont l'adresse postale est le 1420, Route 222, St-Denis de Brompton (Québec) JOB 2P0 (ci-après appelée « le distributeur »). Les « Produits de Presby » comprennent le système d'épandage souterrain Enviro-Septic[®] et le Maze de Presby, ainsi que leurs accessoires (manchons, adaptateurs décentrés).

Garantie : Presby garantit les Produits Presby contre tout défaut de fabrication pour une période de 20 ans à compter de leur date d'installation, mais en aucun temps pour une période de plus de 21 ans à compter de leur date de fabrication. Un défaut de fabrication signifie une imperfection ou un bris affectant les Produits, causé par, ou survenu durant le processus de fabrication des Produits ou qui se manifeste au cours de la période de Garantie. Cette Garantie ne couvre pas les dommages aux Produits causés par, ou résultant du transport, d'un accident, d'un mauvais usage, d'un usage abusif, de la négligence, de l'entreposage, de l'installation, de la réparation, de l'entretien ou d'un usage autre que l'usage ordinaire et normal des Produits. Cette Garantie ne s'applique pas aux dommages aux Produits causés par, ou résultant d'un défaut d'installer ou d'utiliser les Produits en conformité avec les instructions du distributeur qui sont approuvées par Presby, ou le défaut d'inspecter et d'entretenir avec soin les Produits.

Enregistrement de la Garantie, Procédure de réclamation et Correctif : Afin de donner effet à cette Garantie, le Contrat de suivi doit être complété et retourné chez le distributeur dans les trente (30) jours suivant l'achat des Produits. Toute réclamation aux termes de la Garantie doit être faite par écrit et transmise au distributeur dans les trente (30) jours suivant la connaissance des faits donnant lieu à une telle réclamation. Le distributeur devra avoir l'opportunité d'inspecter les Produits, tels qu'ils auront été installés et devra avoir accès à tous les registres et à toutes informations concernant la manipulation, l'entreposage et l'installation des Produits. Le défaut de respecter l'une ou l'autre des exigences prévues ci-avant aura pour effet de rendre la Garantie nulle et sans effet. Si durant la période de Garantie, le distributeur et Presby en viennent à la conclusion qu'il existe effectivement un défaut affectant les Produits et que celui-ci a causé un bris à l'installation septique, la seule et unique obligation du distributeur et de Presby sera, et ce, à leur discrétion soit de réparer les Produits ou de fournir des Produits de remplacement. Le distributeur et Presby n'ont pas l'obligation d'enlever les Produits défectueux ou d'installer les Produits de remplacement. Le distributeur et Presby ne seront pas responsables pour tout autre dommage ou réclamation relié aux Produits défectueux, incluant, notamment, mais non limitativement, toute réclamation pour des dommages directs ou incidents, pour perte de profits ou à titre de frais légaux.

Exclusion : La Garantie conférée par le distributeur et Presby aux termes des présentes exclut toute autre garantie, expresse ou implicite, incluant, notamment, mais non limitativement, toute garantie de qualité ou d'aptitude pour des fins particulières. L'application, l'interprétation et tout litige découlant de la présente Garantie ou de tout contrat relié à la présente Garantie seront régis par les lois applicables à l'État du New Hampshire.

Signature du propriétaire

Installateur autorisé (Nom de la compagnie)

Date : _____