

# Township of Frontenac Islands

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## **Does Your Sewage System Type Require a Maintenance Agreement and Annual Testing?**

Some sewage system types require you to enter into, and maintain, an agreement for the servicing and maintenance of the system with a person authorized by the system's manufacturer for the lifespan of your sewage system. These systems also require you to collect, and have tested, the effluent on an annual basis. The Ontario Building Code identifies which types of systems require these documents to be provided to the Building Department for review.

If you install a Class 4 sewage system (leaching bed) that includes a treatment unit (other than a septic tank) you must enter into a maintenance agreement and provide confirmation of the agreement to the Building Department prior to use.

Annual effluent sampling must also be completed and the results submitted to the municipality for leaching beds constructed as a shallow buried trench, Type A dispersal bed or Type B dispersal bed. Some examples of these systems include: Eljin, Waterloo, Ecoflow, etc.

Testing shall occur:

- Once during the first 12 months after the septic system is put into use, and
- Once during every 12-month period thereafter, but at least 10 months and not more than 18 months after the previous sampling has been completed.

What you are required to undertake as a part of this sampling:

- A grab sample of the effluent to determine the level of CBOD<sub>5</sub> and suspended solids in the effluent,
- The sampling must be carried out in accordance with the methods described in the APHA/AWWA/WEF "Standard Methods for the Examination of Water and Wastewater" standard,
- The sample results must be forwarded to the Municipality promptly following receipt of the results.

The Building Department will review the sample results for compliance with the prescribed permitted concentrations provided in the Ontario Building Code. If the results are not compliant with the Ontario Building Code, you will be required to resample the effluent per above within 6 months of the previous sampling and promptly submit the results for a follow up review.

If you have any questions or would like more information, please contact:

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