



Nassau County's Septic Environmental Program To Improve Cleanliness (S.E.P.T.I.C.) Grant Program



Costs Associated with Owning an IA OWTS – 12/27/2023

Inspection, Operation, and Maintenance:

Routine maintenance is key to the longevity and function of all septic systems and IA OWTS are no different. Systems sold as part of Nassau County's S.E.P.T.I.C. Program include a three-year maintenance contract. After the initial period, the property owner is responsible for paying for the service contract, which averages around \$300 - \$400 per year and typically includes two non-emergency maintenance visits per year.



Pumping Costs:

Although these systems provide advanced treatment, they will still need to be occasionally pumped by a septage hauler. Some pumping may be covered as part of the annual maintenance contract. However, owners should be prepared to have the system fully pumped every 3 to 5 years depending on the use and size of the system. Property owners should hire a pumping company familiar with these technologies, your service provider can recommend a pumper.



Electrical Costs:

Depending on the treatment process and manufacturer's system, the system either runs continuously or on-demand. Based on information provided by manufacturers, the systems that are accepted for use in Nassau County's S.E.P.T.I.C. Program have approximate annual electric costs ranging from \$57 to \$266 per year.



Repair and Replacement Costs:

Homeowners should be aware that although IA OWTS have a long track record of use in the USA, they do contain components such as pumps, floats, air compressors, and controls that may need to be replaced at some point during the useful life of the system. These component repair and replacement costs could range from \$50 to \$700. The table below illustrates approximate replacement costs and life expectancy of various components.

Approximate Repair and Replacement Costs*

Item	Cost	Life Expectancy
Routine Pumping	\$200 - 300	approx. every 3 - 5 years
Blower / Aerator Replacement	\$450	10 years
Blower / Aerator Rebuild	\$150	10 years
Float Replacement	\$100	5 - 10 years
Recirculation Pump Replacement	\$700	10 years

* It is important to note that the complete replacement of a control panel is very rare and usually associated with lightning strikes or power surges. The typical control panel cost is \$1,200 if it needs to be replaced. Costs are based on information provided by manufacturers participating in the NYS Septic System Replacement Program on Long Island.

**For more information, please contact
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