



## NASSAU COUNTY SOIL & WATER CONSERVATION DISTRICT

### *Septic Environmental Program To Improve Cleanliness (S.E.P.T.I.C)*



### **Instructions for Septic System Installers Interested in Participating in Nassau County's S.E.P.T.I.C. IA OWTS Grant Program Released 10/4/2021**

#### **Background:**

- Nassau County has initiated the Septic Environmental Program to Improve Cleanliness ("S.E.P.T.I.C"), which provides grants to property owners and small businesses who choose to voluntarily upgrade their existing cesspools and conventional septic systems to nitrogen-reducing IA OWTS.
- The Program is being administered by the Nassau County Soil and Water Conservation District (the District) consistent with the Agreement currently in place between Nassau County and the State Environmental Facilities Corporation (EFC) and the Agreement currently in place between Nassau County and the District.
- The District intends to publish a list of septic system installers interested in participating in the grant program and additionally, collect information on the costs of materials and installation of an IA OWTS.
- Installers can submit this information electronically here:
- The District intends to a list of qualified, pre-vetted installers and to post that list publicly on the Program's website for grant recipients to consider before contracting independently with the qualified Septic System Installer of their choosing.
- Funds from the program will be made available as a rebate to the applicants or may be assigned by the grant recipient directly to their contractor. Participation as a qualified, pre-vetted installer will speed the issuance of funds to the applicant or to you as the installer.
- Property Owners can only assign their grant payment to an Installer on the pre-vetted Installer list.
- Additional Program information may be found on [Nassau County's S.E.P.T.I.C. Program Website](#)

#### **Online Submission:**

- To be considered for this pre-vetted installer list, you must complete the online application found here: <https://apex5.nassaucountyny.gov/ords/f?p=333:2>

#### **Q&A:**

- There will be a two-hour S.E.P.T.I.C. Program Overview and Q&A with the Septic Industry on Wednesday, October 20th, 2021, at 1pm via Zoom. Please find the link for the Zoom call below.
- <https://us02web.zoom.us/j/82379980913?pwd=cDkvUnROTTS9ESnB0cFpjT3Z6VnpSQT09>
- If you have any questions, please contact our managing partners in the program, the Nassau County Soil & Water Conservation District, at [septicswcd@optonline.net](mailto:septicswcd@optonline.net) or by phone at 516-364-5861.

**Installer, Subcontractor, and Product Distributor Requirements:**

- Installers must be in good standing with all required licenses, failure of a Vendor to acquire and maintain a required license in good standing shall result in removal from the List.
- Installers must have all appropriate insurances to perform the installation in accordance with all applicable local building codes.
- Installers must ensure that all subcontractors also have all appropriate licenses and insurances to perform the installation in accordance with all applicable local building codes.
- Distributors would be considered subcontractors of they are bringing materials onto the property and doing any physical work onsite. As such, they would need to secure all appropriate licenses, including a Nassau Home Improvement License, and insurances to perform their work in accordance with all applicable local building codes.
- Interested Installers, Subcontractors, and Distributors may apply for a Nassau County Home Improvement License here:
  - <https://apex5.nassaucountyny.gov/ords/f?p=288:431>.

**Technologies:**

- Installers and Designers may utilize any one of the following systems:
  - FujiClean CEN Series
  - HydroAction AN Series
  - Norweco Singulair TNT 2.0
  - Orenco AX-20
  - SeptiTech STAAR
- The systems above are listed in alphabetical order and the list is current as of the date of this document and may be subject to future amendments. Please check Nassau County's S.E.P.T.I.C. Program Website for amendments, updates, or additional information.
- Installers must be certified by Manufacturers of the systems they install and are required to submit this information to the District after their 5th installation of a particular technology.
- The District anticipates issuing additional training recommendations in the coming weeks.

# Worksheet for Determining Costs for Materials and Installations of I/A OWTS for Residential and Small Businesses with Design Flow of up to 1,000 gallons per day Sanitary Waste

- This worksheet is provided for guidance only
- All submissions must be entered online at <https://apex5.nassaucountyny.gov/ords/f?p=333:2>

PLEASE USE ONE WORKSHEET PER TECHNOLOGY		
<b>TECHNOLOGY NAME AND MODEL#:</b>		
Estimates: In order to assist the District in determining Best Value, please supply the typical number of work days to install I/A OWTS and new leaching pools		
<b>Total Costs of I/A OWTS Unit and Materials</b>		
In order to assist the District in determining Best Value please supply a list of the Following (if no cost is associated with a specific line item, please list \$0):		
<b>I/A OWTS Unit Sized to Treat up to 440 gpd, or up to a 4-bedroom dwelling</b>		
<b>I/A OWTS Model Number and Rated Treatment Capacity (GPD):</b>		
<b>1</b>	Retail Price of I/A OWTS including electrical controls, panels, wires, pumps, and floats	\$
<b>2</b>	Three-year warranty	\$
<b>3</b>	Start-up Costs	\$
<b>LINE A. (total of lines 1 - 3)</b>		\$
<b>I/A OWTS Unit Sized to Treat up to 550 gpd, or a 5-bedroom dwelling</b>		
<b>I/A OWTS Model Number and Rated Treatment Capacity (GPD):</b>		
<b>4</b>	Retail Price of I/A OWTS including electrical controls, panels, wires, pumps, and floats	\$
<b>5</b>	Three-year warranty	\$
<b>6</b>	Start-up Costs	\$
<b>LINE B. TOTAL LINES 4-6</b>		\$

<b>I/A OWTS Unit Sized to Treat up to 660 gpd, or a 6-bedroom dwelling</b>		
<b>I/A OWTS Model Number and Rated Treatment Capacity (GPD):</b>		
<b>7</b>	<b>Retail Price of I/A OWTS including electrical controls, panels, wires, pumps, and floats</b>	<b>\$</b>
<b>8</b>	<b>Three-year warranty</b>	<b>\$</b>
<b>9</b>	<b>Start-up Costs</b>	<b>\$</b>
<b>LINE C. TOTAL LINES 7 - 9</b>		<b>\$</b>
<b>I/A OWTS Unit Sized to Treat up to 1,000 gpd</b>		
<b>I/A OWTS Model Number and Rated Treatment Capacity (GPD):</b>		
<b>10</b>	<b>Retail Price of I/A OWTS including electrical controls, panels, wires, pumps, and floats</b>	<b>\$</b>
<b>11</b>	<b>Three-year warranty</b>	<b>\$</b>
<b>12</b>	<b>Start-up Costs</b>	<b>\$</b>
<b>LINE D. TOTAL LINES 10 &amp; 11</b>		<b>\$</b>
<b>Total Costs for Installation of I/A OWTS Unit ONLY</b>		
<p>To assist the District in determining Best Value please supply a list of the Following:</p> <ul style="list-style-type: none"> <li>● Electrical connection and wiring, assumes the following: <ul style="list-style-type: none"> <li>○ Sufficient room in electrical panel</li> <li>○ Electrical Panel within 50 feet of control panel</li> <li>○ Use of electrical conduit, not direct bury cable</li> <li>○ use of watertight wire nuts and junction boxes</li> <li>○ conduit runs less than 40 feet</li> </ul> </li> <li>● Excavation and backfilling</li> </ul> <p><b>Additional Services: Submit an itemized listing of services included in the quote but not listed above.</b></p>		
<b>Minimum 440 gpd rated treatment capacity required</b>		
<b>13</b>	<b>Electrical Connecting and Wiring</b>	<b>\$</b>
<b>14</b>	<b>Excavation and Backfilling</b>	<b>\$</b>
<b>LINE E. TOTAL LINES 13 &amp; 14</b>		<b>\$</b>
<b>Installation of an I/A OWTS Unit (Minimum 550 gpd rated treatment capacity Required)</b>		
<b>15</b>	<b>Electrical Connecting and Wiring</b>	<b>\$</b>
<b>16</b>	<b>Excavation and Backfilling</b>	<b>\$</b>
<b>LINE F. TOTAL LINES 15 &amp; 16</b>		<b>\$</b>

<b>Installation of an I/A OWTS Unit (Minimum 660 gpd rated treatment capacity Required)</b>		
<b>Line 17</b>	<b>Electrical Connecting and Wiring</b>	<b>\$</b>
<b>Line 18</b>	<b>Excavation and Backfilling</b>	<b>\$</b>
<b>LINE G. TOTAL LINES 17 &amp; 18</b>		<b>\$</b>
<b>Installation of an I/A OWTS Unit with rated treatment capacity of up to but not exceeding 1,000 gpd</b>		
<b>19</b>	<b>Electrical Connecting and Wiring</b>	<b>\$</b>
<b>20</b>	<b>Excavation and Backfilling</b>	<b>\$</b>
<b>LINE H. TOTAL LINES 19 &amp; 20</b>		<b>\$</b>
<b>TOTAL COST OF MATERIALS AND INSTALLATION OF GRAVITY LEACHING POOLS</b>		
<b>21</b>	<b>440 gallons per day leaching system</b>	<b>\$</b>
<b>22</b>	<b>550 gallons per day leaching system</b>	<b>\$</b>
<b>23</b>	<b>660 gallon per day leaching system</b>	<b>\$</b>
<b>24</b>	<b>1,000 gallon per day leaching system</b>	<b>\$</b>
<b>LINE I. TOTAL OF LINE 20 &amp; 21</b>		<b>\$</b>
<b>Additional Labor Costs</b>		
<b>25</b>	<b>A per day labor cost for sites with conditions that require more than two (2) days labor</b>	<b>\$</b>
<b>Miscellaneous Costs (in addition to the below, state any additional services and list the itemized costs that are anticipated to be required in order to provide Services.)</b>		
<b>26</b>	<b>Pumping, Decommissioning, and Abandonment of Existing OWTS (Assuming Septic Tank and Leaching Pool). Not Covered By Grant Program</b>	<b>\$</b>
<b>27</b>	<b>Costs Associated with bi-monthly Provisional Sampling Requirements (if any). Not Covered By Grant Program</b>	<b>\$</b>
<b>28</b>	<b>O&amp;M Cost (list separately if prices differ based on size of unit). Not Covered By Grant Program</b>	<b>\$</b>

**Summary of Costs: Total Costs for Installation and Materials I/A OWTS and Leaching Structures**

<p><b>Total cost of installation and materials for a typical gravity leaching structure.</b>  <b>Assumes a one (1) day installation, with no site constraints such as high-water table, or deep excavation to sand and gravel. Could be a leaching pool, leaching galleys, or any system specified in NYS DOH Residential Design Handbook and Appendix 75-A</b></p>		
<b>Add Lines A, E, 21, 26, 27, and 28</b>	<b>up to 440 gpd I/A OWTS Installation &amp; Materials</b>	<b>\$</b>
<b>Add Lines B, F, 22, 26, 27, and 28</b>	<b>550 gpd I/A OWTS Installation &amp; Material</b>	<b>\$</b>
<b>Add Lines C, G, 23, 26, 2, and 28</b>	<b>660 gpd I/A OWTS Installation &amp; Materials</b>	<b>\$</b>
<b>Add Lines D, H, 24, 26, 27, and 28</b>	<b>1,000 gpd I/A OWTS Installation &amp; Materials</b>	<b>\$</b>