

## New Jersey Enhanced Warranty Design Protocol

All Enhanced warranty systems in NJ must be designed by an Enhanced Warranty Certified Designer, maintained by an Enhanced Warranty Certified O&M Provider, and installed by an Enhanced Warranty Certified Installer. Infiltrator can provide an updated list of Enhanced Warranty parties.

- **All Enhanced Designers must be properly licensed in NJ**
- **The Enhanced Warranty only applies to conventional systems** (*gravity and pump systems*)
- **All septic tanks shall be Infiltrator tanks** (*IM series*)
- **All pump tanks shall be Infiltrator tanks** (*IM series*)
- **All septic tanks must be 2-compartment tanks AND have an effluent filter** (*Minimum 6" Polylock PL250*)
- **All tanks must have risers installed up to at least grade level on the outlet end** (inlet risers may also be required by designer or on 2-compartment tanks) and all riser connections must be watertight with a positive drainage slope to divert surface water away from the tank
- **All pipe used on the system shall be Schedule 40 PVC** (*no Corrugated pipe allowed*)
- **All systems must have a water meter installed or access to community water records** (*in the case of wells, the water meter shall be installed near the well head in separate enclosure*)
- **Certified Installers** must have their 1<sup>st</sup> installation signed off from an IWT representative who must be present during the installation
- **Each row of chambers must have observation ports brought to grade for access during yearly O&M inspections**
- **All d-boxes must be installed with grade level access and installed level with speed levelers to ensure equal distribution**
- **When using chambers on pump systems all chambers must have a High Flow splash plate or approved equivalent installed on the inlet end with a 90 degree elbow faced down on the splash plate** (*see our install instruction for IWT approved options*)
- **All trenches or beds must be installed as level as possible** (*with a variance of up to 2" of fall per 100 foot of trench*)
- **No system shall be installed during wet conditions**
- **All pump systems shall be time-dosed**
- **No water conditioners feeding into the septic system**
- **No irrigation lines allowed over the drain-field or tank**
- **Certified installers must initial and check off the Infiltrator Enhanced Warranty Installation checklist**
- **The system must be assigned an Enhanced Warranty Certified O&M provider with a signed O&M agreement.**
- **Infiltrator installation instructions shall be followed for all IWT products used at all times**
- **Each row of chambers shall be connected on the ends at the bottom of the endcap with 4" Schedule 40 pipe**
- **Certified Installers must renew their certification every 4 years**