



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

June 28, 2023

Via email: SErvin@infiltratorwater.com

Ms. Sheryl Ervin
Senior Regulatory Specialist
Infiltrator Water Technologies
Post Office Pox 768
Old Saybrook, Connecticut 06475

Dear Ms. Ervin,

You requested review and approval of the aerobic treatment unit (ATU) Ecopod E50-NR manufactured by Delta Treatment Systems LLC by Infiltrator. This ATU has been certified to meet the requirements of ANSI/NSF Standard 40 (Residential Wastewater Treatment Systems) for Class I classification and ANSI/NSF Standard 245 (Wastewater Treatment Systems –Nitrogen Reduction). You submitted test reports dated March 2023 from Gulf Coast Testing (GCT) Final Reports SPE 431 (NSF 40) and 432 (NSF 245). You also submitted a letter from GCT approving the use of the CM-1060 tank housing the E50-NR reactor. Per your request, the Delta Ecopod E50-NR has been reviewed for compliance with the requirements of Florida Administrative Code rule 62-6.012 and is hereby approved.

These models are housed in treatment receptacles that have been assigned specific approval numbers as part of this approval to reflect their use with Delta Ecopod E50-NR aerobic treatment units.

These receptacles are variations of receptacles by Infiltrator Water Technologies that had been previously approved by the Florida Department of Environmental Protection.

As part of this approval, this office reviewed the Ecopod installation, operation and maintenance manual, assembly instructions for the Ecopod in the IM 1060 and CM 1060 tanks. For common reference, we include the proposed tank listing, your tank drawings with approval comments, assembly instructions, and a notice of rights.

Approval Number	Approval Remarks
70-143-NR5-C4	Single compartment polypropylene tank. Two vertical, two lateral and four diagonal horizontal stiffeners. Houses Delta Ecopod E-50NR (500 gal/day). Requires min 475 gal pretreatment volume; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta Ecopod E-50NR ATU is NSF 245-certified. IM 1060.
70-143-NRC5-C4	Single compartment polypropylene tank. Two vertical stiffeners. Houses Delta Ecopod E-50NR (500 gal/day). Requires min 475 gal pretreatment volume; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta Ecopod E-50NR ATU is NSF 245-certified. CM 1060.

If you have further questions, please contact Ms. Debby Tipton at Debby.Tipton@FloridaDEP.gov or 850-245-8629.

Sincerely,



Eberhard Roeder, PhD, PE, CPM
Program Administrator
Onsite Sewage Programs

ER/dt

Enclosures: tank listing, tank drawing, tank assembly manual, Ecopod E50-NR manual