

5.14 Proprietary Wastewater Treatment Products

Revision: October 1, 2018

Table 5-15 lists proprietary wastewater treatment product approved by DEQ. Proprietary wastewater treatment products shall be installed by a permitted complex installer.

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Proprietary Wastewater Treatment Product Manufacturer and Model	Treatment Limits (GPD)	Designer Requirements	Operation, Maintenance, and Monitoring Requirements	Drainfield Sizing and Size Limits	Vertical Separation Distances	Approval Date	Comments
Infiltrator Water Technologies, LLC Advanced Treatment Leachfield (ATL)	1,500	Idaho licensed professional engineer required if effluent is pressure distributed	Homeowner managed O&M	Table 4-22 for application rates Drainfield may exceed 1,500 ft ² when pressurized	Table 4-21	4/2/2018	Residential application: 70 linear feet/bedroom, Nonresidential application: 2.14 GPD/linear foot.
Lowridge Onsite Technologies Onsite Sand Coil Recharge (OSCAR-II): OS-50 OS-100	500 ^a	Idaho licensed professional engineer	Homeowner managed O&M	Table 4-22 for application rates	Table 4-21	10/1/18	Residential/nonresidential: Number of coils required for the design flow depends on whether OS-50 (50 GPD) or OS-100 (100 GPD) coils are used.
Presby Environmental, Inc. Advanced Enviro-Septic (AES)	1,500	None	Homeowner managed O&M	Table 4-22 for application rates Drainfield may not exceed 1,500 ft ²	Table 4-21	08/16/16	Residential application: 50 linear feet/bedroom. Nonresidential application 2 GPD/linear foot.

a. System designs with flows above 500 GPD must be proportionally upsized, contact Lowridge Onsite Technologies.

Notes: gallons per day (GPD); square feet (ft²); milligrams per liter (mg/L)