



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

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GENERAL USE CERTIFICATION

Pursuant to Title 5, 310 CMR 15.000

Name and Address of Applicant:

Aquapoint.3, LLC
39 Tarkiln Place
New Bedford, MA 02745

Trade name of technology: Bioclere 16, 22, 24 and 30 series units (hereinafter the "System"). Schematic drawings of a typical System, a design and installation manual, Owner's Manual, O&M manual, and the technology inspection checklist are part of this Approval.

Transmittal Number: W059416
Date of Issuance: Revised April 2, 2015

Authority for Issuance

Pursuant to Title 5 of the State Environmental Code, 310 CMR 15.000, the Department of Environmental Protection hereby issues this Certification for General Use to: Aquapoint .3 LLC, 39 Tarkiln Place, New Bedford, MA 02745 (hereinafter "the Company"), certifying the System described herein for General Use in the Commonwealth of Massachusetts. The sale, design, installation, and use of the System are conditioned on compliance by the Company, the Designer, the Installer, the Service Contractor, and the System Owner with the terms and conditions set forth below. Any noncompliance with the terms or conditions of this Certification constitutes a violation of 310 CMR 15.000.

David Ferris, Director
Wastewater Management Program
Bureau of Water Resource

April 2, 2015
Date

Description of the Technology

The Aquapoint Bioclere System is a fixed film reactor Secondary Treatment Unit (STU) that consists of a fiberglass tank containing a trickling filter section with inert plastic media, a clarifier and sump, a fan for aeration, and dosing and recirculating pumps. Effluent from the septic tank is sprayed over the plastic media and then enters the clarifier that separates solids from the liquid. The base of the unit serves as a final settling basin which discharges to a traditional soil absorption system.

Conditions of Approval

The term “System” refers to the STU in combination with the other components of an on-site treatment and disposal system that may be required to serve a facility in accordance with 310 CMR 15.000.

The term “Approval” refers to the technology-specific Special Conditions, the Standard Conditions for General Use Certification of Secondary Treatment Units, the General Conditions of 310 CMR 15.287, and any Attachments.

For Secondary Treatment Units that have been issued General Use Certification for the installation of a System to serve a facility where the site meets the requirements for new construction and the design flow is less than 2,000 gpd, the Department authorizes reductions in the effective leaching area (310 CMR 15.242), subject to the Standard Conditions that apply to all Secondary Treatment Units with General Use Certification and subject to the Special Conditions below applicable to this Technology.

Special Conditions

1. The System is Secondary Treatment Unit with General Use Certification. In addition to the Special Conditions contained in this Approval, the System shall comply with all the “Standard Conditions for General Use Certification of Secondary Treatment Units”, except where stated otherwise in these Special Conditions.
2. The System is approved for facilities where the design flow is up to but less than 10,000 gpd and where a conventional system with a reserve area exists or can be built on-site in full compliance with the new construction requirements of 310 CMR 15.000, and has been approved by the local approving authority.
3. The Company must maintain programs of training and continuing education for Installers of Bioclere Systems. Training shall be made available at least annually.
4. No Installer shall install the System unless the Installer has been trained by the Company on installation of the System.
5. Each Installer shall install the System in accordance with Company training on the installation of the System and the conditions of this Approval.
6. The septic tank and/or the equalization tank shall be designed for a minimum of 36 hours detention at design flow. The tank shall comply with the other requirements of Title 5 and no tank shall be less than 1,500 gallons.