



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

DEVAL L. PATRICK
Governor

TIMOTHY P. MURRAY
Lieutenant Governor

RICHARD K. SULLIVAN JR.
Secretary

KENNETH L. KIMMELL
Commissioner

REVISION OF APPROVAL FOR REMEDIAL USE

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: W038393

Date of Issuance: June 4, 2004 (modified January 18, 2008)

Revision Date: November 05, 2012

Authority for Issuance

Pursuant to Title 5 of the State Environmental Code, 310 CMR 15.000, the Department of Environmental Protection hereby issues this Approval for Remedial Use to: Aquapoint .3 LLC., 39 Tarkiln Place, New Bedford, MA 02745 (hereinafter "the Company"), approving the System described herein for 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 Approval constitutes a violation of 310 CMR 15.000.

David Ferris, Director
Wastewater Management Program
Bureau of Resource Protection

November 05, 2012

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 conditions applicable to all STU’s with Remedial Use Approval, the General Conditions of 310 CMR 15.287, and any Attachments.

For Secondary Treatment Units that have been issued Remedial Use Approval for the upgrade or replacement of an existing failed or nonconforming system., the Department authorizes reductions in the effective leaching area (310 CMR 15.242), the depth to groundwater (310 CMR 15.212), and/or the depth of naturally occurring pervious material (310 CMR 15.240(1)) subject to the conditions that apply to all Secondary Treatment Units Approved for Remedial Use and subject to the Special Conditions applicable to the Technology.

Special Conditions

1. The System is Secondary Treatment Unit Approved for Remedial Use. In addition to the Special Conditions contained in this Approval, the System shall comply with all the “Standard Conditions for Secondary Treatment Units Approved for Remedial Use”, except where stated otherwise in these Special Conditions.
2. The System is approved for facilities where the local approving authority finds that:
 - a) there is no increase in the actual or proposed design flow;
 - b) the System is for the upgrade of a failed, failing or nonconforming system; and
 - c) a conventional system with a reserve area, designed in accordance with the standards of 310 CMR 15.100 through 15.255, cannot feasibly be built on-site.
3. The Company must maintain programs of training and continuing education for Installers. Training shall be provided at least annually.

Aquapoint, Inc. - Bioclere 16, 22, 24 and 30 Series Units

Revision of Approval for Remedial Use

Revision Date:

Page 3 of 3

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.