



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

December 14, 2016

Scott Samuelson
Fuji Clean USA, LLC
41-2 Greenwood Rd.
Brunswick, ME 04011

Re: FujiClean USA, LLC Supplemental Application for Innovative/Alternative Technology dated November 7, 2016

Dear Mr. Samuelson:

The New Hampshire Department of Environmental Services (DES) received an Innovative/Alternative Technology supplemental application dated November 7, 2016 submitted pursuant to NH Env-Wq 1024 from FujiClean USA, LLC ("FujiClean"). This supplemental application requested additional waivers not sought in FujiClean's original application submitted via letter dated May 15, 2015. DES letter dated September 8, 2015 granted FujiClean a General Innovative/Alternative Technology Approval ("ITA") with Conditions of FujiClean Models CE5, CE7, CE10, CE21, and CE30, as well as CEN Models CEN5, CEN7, CEN10, and CEN21. This approval also granted FujiClean's requested waiver of up to 75% EDA sizing reduction.*

The DES Innovative/Alternative Technology Committee reviewed FujiClena's November 7, 2016 supplemental application requesting the following additional waivers:

- Distance above Impermeable Substratum - Env-Wq 1014.04(a). Vertical separation distance from bedrock or any other impermeable substratum reduced to 24 inches from the bed bottom (or 18-inches from the bottom of the 6-inch specified sand layer).*
- Distance above Seasonal High Water Table - Env-Wq 1014.05(a). Vertical separation distance from seasonal high water table reduced to 24 inches from the bed bottom (or 18-inches from the bottom of the 6-inch specified sand layer).*

DES hereby grants the above requested waivers. *However, the reduction in vertical separation distance cannot be universally applied in conjunction with a reduction in bed size. The approvable percent reduction in bed size (if any) and/or the approvable reduction in vertical separation (if any) depend on both site-specific conditions (primarily soils and hydrology) and the selected dispersal technology (conventional pipe and stone, chambers, or other approved technology). As such, any application for construction approval using the System for which both a reduction in vertical separation and a reduction in bed size are being requested must include documentation of a mounding analysis for the specific site conditions

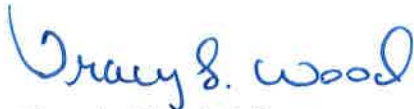
that demonstrates the required vertical separation distance of not less than 24 inches will be maintained with the requested reduction in bed size.

The following conditions as noted in DES letter dated September 8, 2015 still apply.

1. Individual sewage disposal systems (ISDS) using the Subject unit must be designed, installed, operated and maintained in accordance with manufacturer's recommendations.
2. A copy of this letter and the December 8, 2015 letter must accompany any specific ISDS design involving the use of the Subject unit under this approval which may be submitted to DES.
3. Maintenance contracts, signed by the property owner, must be included with each ISDS application submitted for DES approval. The maintenance contract must remain in place for the life of the approved ISDS and work must be performed by a licensed wastewater treatment plant operator. DES expects that a Grade 1 operator's license will be sufficient. FujiClean must notify the Subsurface Systems Bureau of any property owner who does not renew their maintenance contract prior to its expiration.

If you have any questions, please contact me at 603-271-2001 or at tracy.wood@des.nh.gov.

Sincerely,



Tracy L. Wood, P.E.

Administrator

Wastewater Engineering Bureau

cc: Fuji Clean USA, LLC ITA File
ITA Committee