



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

September 8, 2015

Scott Samuelson
FujiClean USA, LLC
41-2 Greenwood Road
Brunswick, Maine 04011

RE: FujiClean USA, LLC Application for Innovative/Alternative Technology

Dear Mr. Samuelson:

The New Hampshire Department of Environmental Services (DES) received an Innovative/Alternative Technology application submitted pursuant to NH Env-Wq 1024 from FujiClean USA, LLC ("FujiClean") submitted via letter dated May 15, 2015. The DES Innovative/Alternative technology Approval ("ITA") Committee reviewed FujiClean's May 15, 2015 submittal and issued a review letter dated July 28, 2015. FujiClean met with the DES ITA Committee on August 19, 2015 and hand delivered supplemental information requested in the DES July 28, 2015 letter. FujiClean further provided additional requested information via email on August 26, 2015.

DES has reviewed all information submitted by FujiClean and its request for General Approval for its following residential and commercial models:

CE Models:

CE5, CE7, CE10, CE21, CE30

CEN Models (Enhanced Nitrogen Removal):

CEN5, CEN7, CEN10, CEN21

FujiClean requested the following waivers:

- An EDA sizing reduction waiver of up to 75% relative to the provisions in Env-Wq 1016 for its CE and CEN Models listed above.
- A 75% reduction in the nitrate setback allowance to property lines as listed in Env-Wq 1008.05 for its CEN Models listed above.

DES hereby issues a General ITA with Conditions of FujiClean CE Models CE5, CE7, CE10, CE21, and CE30, as well as CEN Models CEN5, CEN7, CEN10, and CEN21. DES hereby grants FujiClean's requested waiver of up to 75% EDA sizing reduction. **DES does not grant FujiClean's requested waiver of up to 75% reduction in the nitrate setback allowance to property lines as listed in Env-Wq 1008.05 for its CEN Models.** The implications and ramifications of reducing nitrate setbacks to property lines are currently being reviewed in-house by DES, so presently no waivers

DES Web Site: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095
Telephone: (603) 271-3503 Fax: (603) 271-6683 TDD Access: Relay NH 1-800-735-2964

for nitrate setbacks to property lines are being issued by DES. Please revise the NH specific Design Manual to reflect this (see Item 9. of Overview and NH Rules sheet).

The following conditions must be met for use of FujiClean systems as noted above:

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 shall 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.

I hope this waiver approval meets your needs. 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: DES ITA Committee