

NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor
MANDY COHEN, MD, MPH • Secretary
MARKT. BENTON • Assistant Secretary for Public Health
Division of Public Health

March 2, 2020

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

Subject: Modified Provisional Approval PWWS 2016-01-R1

Dear Mr. Samuelson:

Pursuant to G.S. 130A-343 and 15A NCAC 18A .1969, Fuji Clean USA, LLC submitted a proposal for modification of your advanced pretreatment Provisional Approval. The proposed modifications include re-rating two models and the addition of two new models, which meet the requirements for provisional approval, and are approved per the enclosed PWWS approval document.

The enclosed approval document, PWWS 2016-01-R1, represents the formal status of Fuji Clean USA, LLC Models advanced pretreatment units for use in North Carolina. Please refer to the enclosed approval document for details on the approved system description, use, limitations, design criteria, installation procedures, responsibilities, permitting procedures, operation, maintenance, and monitoring requirements.

You have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. To get a copy of the petition form, you may write the Office of Administrative Hearings (OAH), call OAH at 919-431-3000, or access the form on the OAH web site at <http://www.ncoah.com/forms.html>. The petition for a contested case hearing must be filed in accordance with the provision of G.S. 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B.

If you wish to pursue a formal appeal, you must file the petition form with OAH within 30 days of the date of this letter, as provided in G.S. 150B-23(f). If you file a petition for a contested case hearing with OAH, you are required by G.S. 150B-23 to serve a copy of your petition on the Office of General Counsel, NC Department of Health and Human Services, 2001 Mail Service Center, Raleigh, NC 27699-2001.

Local health departments are notified of approved wastewater systems by posting of the approval document on the On-Site Water Protection Branch's homepage and by email notice. You should provide local health departments in North Carolina with the appropriate manufacturer's literature related to the design, installation, operation, maintenance and monitoring of all Fuji Clean USA, LLC models. The On-

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LOCATION: 5605 Six Forks Road, Raleigh, NC 27609
MAILING ADDRESS: 1642 Mail Service Center, Raleigh, NC 27699-1642
www.ncdhhs.gov • TEL: 919-707-5854 • FAX: 919-845-3972

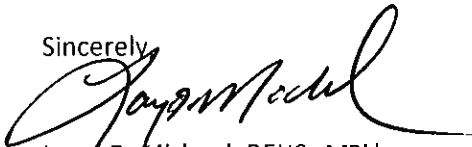
AN EQUAL OPPORTUNITY/ AFFIRMATIVE ACTION EMPLOYER

Site Water Protection Branch and local health departments should be provided with a current list of the manufacturer's authorized designers, installers, and operators.

All provisional wastewater system approvals are subject to modification, suspension, or revocation if the Department determines that the approval is based on false, incomplete, or misleading information or as necessary to protect public health, safety, and welfare [G.S. 130A-343(c)]. Approvals are also subject to suspension or revocation if subsequent experience with the system results in altered conclusions about system performance or design [15A NCAC 18A .1969(k)(2)(A)].

The Environmental Health Section of the Division of Public Health appreciates your efforts to develop on-site wastewater products for use in North Carolina. Please do not hesitate to contact me or staff if you have any questions pertaining to this approval or if you need further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Larry D. Michael". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Larry D. Michael, REHS, MPH
Section Chief

Enclosures

cc: OSWP Staff
Local Health Departments

**NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH**

PROVISIONAL WASTEWATER SYSTEM APPROVAL

PROVISIONAL NO: PWS-2016-01-R1

Issued To: Fuji Clean USA, LLC
 41-2 Greenwood Road
 Brunswick, ME 04011
 207-406-2927
 207-406-2929
 www.fujicleanusa.com

For: Fuji Clean USA Models CEN5, CEN7, CEN10, and CEN14
 (Fuji Clean CEN5, CEN7, CEN 10, and CEN14)

Approval Date: February 28, 2020

In accordance with G.S. 130A-343, 15A NCAC 18A .1969 and .1970, a proposal by Fuji Clean USA, LLC, for approval of their wastewater system has been reviewed and found to meet the standards of a Provisional system when all of the following conditions are met.

I. General

- A. Scope of this Provisional Approval includes all of the following:
 - 1. Design, installation, and operation and maintenance guidelines for CEN5, CEN7, CEN10, and CEN14 systems to meet NSF-40 and TS-I effluent standards in accordance with Rule 15A NCAC 18A .1970 (a) Table VII.
 - 2. Obtain field performance data from CEN5, CEN7, CEN10, and CEN14 systems intended to meet TS-II effluent quality standards in accordance with Rule.1970(a) Table VII.
 - 3. Operation, maintenance, and monitoring activities for CEN5, CEN7, CEN 10, and CEN 14 systems to ensure the effluent standards are met.
 - 4. Proposal for evaluation of this Provisional system.

- B. This Provisional Approval is only applicable to systems receiving domestic strength influent, not exceeding the influent quality standards in Rule.1970(b) Table VIII, utilizing CEN5, CEN7, CEN10, and CEN14 systems with a design daily flow less than or equal to 3,000 gallons per day.

- C. Use of CEN5, CEN7, CEN10, and CEN14 systems for facilities with an influent waste strength that exceeds the parameters in Rule .1970(b) Table VIII may be proposed by Fuji Clean USA and a Professional Engineer (PE) to the Department for review and approval on a case-by-case basis, prior to permitting by the local health department (LHD). The system design must include the proposed raw wastewater strength (e.g., BOD₅, COD, TN, TSS, fats, oils and grease, etc.), expected organic loading rate (in pounds of BOD per day) and hydraulic loading rate (in gallons per day) on the advanced pretreatment system, calculations, references, and any other information

