



Tony Evers, Governor
Dawn Crim, Secretary

March 1, 2019

FUJI CLEAN USA INC.
SCOTT SAMUELSON
41 GREENWOOD RD., STE. 2
BRUNSWICK ME 04011

Re: Description: SEWAGE TREATMENT APPARATUS
Manufacturer: FUJI CLEAN USA INC.
Product Name: (trans id 3196528) FUJI CLEAN CE- AND CEN-SERIES
Model Number(s): CE5, CE7, CE10, CE14, CE21, CE30, CE6G, CEN5, CEN7, CEN10, CEN14 AND CEN21
Product File No: 20180280

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of March 2024.

This approval is contingent upon compliance with the following stipulation(s):

- For the duration of this approval, the manufacturer shall maintain conformance to NSF Standard 40 and NSF Standard 245 for these devices. This is not synonymous with NSF listing.
- These devices shall be preceded by a properly sized and department approved septic tank with a department approved effluent filter that meets both the department's and the manufacturer's minimum requirements and specifications.
- If these tanks have openings > 8-inches in diameter above finished grade, then these tanks shall be fitted with locking manhole covers in accordance with s. SPS 384.25 (7) (h) Wis. Adm. Code. The manhole cover must be secured to the riser using screws which are not standard or Philips head to be considered an effective locking device.
- If these tanks have openings > 8-inches in diameter, then the covers for such openings shall bear warning labels, that are visible after installation, that conform to s. SPS 384.25 (8) Wis. Adm. Code.
- These devices shall be preceded by a properly sized department approved septic tank and effluent filter that meets both the department's and the manufacturer's minimum requirements and specifications.
- Backfill material shall be sandy and not contain any rocks or stones.
- Dependent on local soil conditions, it may be necessary to add a 4 to 6-inch bedding layer of clean 1/4-1/2 inch diameter pea stone.
- Backfill to approx. 75% of the way up the tank in compacted 6-inch layers using pea stone, or other non-angular material, that will fill the spaces between tank corrugations.
- If any part of these systems is below the estimated seasonal high-water mark, then the installation shall include adequate tank uplift restraint consistent with the manufacturer's published instructions.
- If these systems are vented through a pre-existing sanitary vent, then the vent must be properly sized to accept the additional loading.
- The maximum depth of bury is 20 inches. Note, max. riser height is ≤ 24 inches.

- Final effluent disinfection options are not included within the scope of this approval.
- To maintain optimal treatment conditions in cold weather climates, the manufacturer recommends insulated risers and covers and insulating material (R-Value \geq 8) over the top half of the treatment tank.
- The condition of the filtration media shall be assessed, and replaced if necessary, at intervals not exceeding 3 years. Filtration media that continues to meet the manufacturer's specifications may continue to be used.
- Additional technical/design information is available at: <https://www.fujicleanusa.com/>

FUJI CLEAN USA RESIDENTIAL SYSTEM SPECIFICATION TABLE*						
Model No.	Hydraulic Loading (GPD)	Effluent BOD (mg/l)	BOD Downsizing Credit	Effluent TSS (mg/l)	Effluent TN (mg/l)	Fecal Downsizing Credit
CE5 ¹	450	10-20	YES	10-20	10-20	NO
CE7 ¹	630	10-20	YES	10-20	10-20	NO
CE10 ¹	900	10-20	YES	10-20	10-20	NO
CE14 ¹	1000	10	YES	10	10	NO
CEN5 ²	450	10	YES	10	10	NO
CEN7 ²	630	10	YES	10	10	NO
CEN10 ²	900	10	YES	10	10	NO

* = assumes domestic strength influent

TSS = total suspended solids

1 = CE models not tested to NSF 245 test protocol

BOD = biological oxygen demand

TN = total nitrogen

2 = CEN models tested to NSF 245 test protocol

The department is in no way endorsing this product or any advertising and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
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