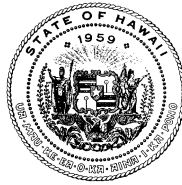


DAVID Y. IGE
GOVERNOR OF HAWAII



ELIZABETH A. CHAR, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

IWT, CBT-1000 WWTS
NSF ANSI 40 & 245_Eval Concur.ltr

April 8, 2022

Mr. Glen D. Lindbo
International Wastewater Technologies, Inc.
1931-A Kahai Street
Honolulu, Hawaii 96819
Email: glen@iwt-epw.com

Dear Mr. Lindbo:

Subject: International Wastewater Technologies, Inc., Cyclic Biological Reactor Treatment (CBT), Model CBT 0.8KN (800 gpd) Wastewater Treatment System Addendum to Performance Evaluation Report – NSF/ANSI Standards & Scale-Up NSF/ANSI Standard 40 Residential Wastewater Treatment Systems and NSF/ANSI Standard 245 Residential Wastewater Treatment Systems - Nitrogen Reduction, Conducted by University of Hawaii at Manoa, Water Resources Research Center, WRRC SR-2022-03, December 2021 and Addendum dated March 2022 [Scale-Up conformity assessment of the Model CBT 1.0KN (1,000 gpd)]

The Department of Health (DOH), Wastewater Branch (WWB) acknowledges receipt of the specific Performance Evaluation Report for the International Wastewater Technologies, Inc. (IWT), Cyclic Biological Reactor Treatment (CBT) Wastewater Treatment System, Model CBT 0.8KN, 800 gallons per day (gpd) design flow unit prepared by University of Hawaii at Manoa, Water Resources Research Center, WRRC SR-2022-03, document of December 2021, transmitted by email dated November 24, 2021. The DOH-WWB also acknowledges the receipt of the Addendum to Performance Evaluation of a CBT Wastewater Treatment System for NSF/ANSI Standard 40 and Standard 245 evaluation and Scale-Up of the IWT, Model CBT 0.8KN Wastewater Treatment System 800 gpd unit for NSF/ANSI Standard 40 and NSF/ANSI Standard 245 conformity assessment of the Model CBT 1.0KN, 1,000 gpd design flow unit document of March 2022, transmitted by email on March 16, 2022. As requested, the DOH-WWB reviewed the subject Addendum to Performance Evaluation Report for approval as an equivalent NSF/ANSI aerobic treatment unit as provided under Section 11-62-35(a), Hawaii Administrative Rules (HAR), Other Individual Wastewater Systems (IWS).

The DOH-WWB reviewed the subject Performance Evaluation Report of December 2021 and Addendum Performance Evaluation document regarding NSF/ANSI Standard 40, NSF/ANSI Standard 245, and Scale-Up of March 2022, and concurs with the conclusions made by

Mr. Glen D. Lindbo
April 8, 2022
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University of Hawaii at Manoa, Water Resources Research Center in the Addendum report that the IWT, CBT Model CBT 1.0KN wastewater treatment system (1,000 gpd design flow unit) has met the scale-up requirements and by analysis and evaluation fulfilled the requirements of both the NSF/ANSI Standard 40 and NSF/ANSI Standard 245.

The DOH-WWB approves the IWT, CBT Model CBT 1.0KN (1,000 gpd) wastewater treatment systems as an equivalent NSF Standard 40 and NSF Standard 245 aerobic treatment unit that may be used in the State of Hawaii.

The IWT, CBT Model CBT 1.0KN (1,000 gpd design flow) may be used to serve a dwelling unit not to exceed five (5) bedrooms or a non-residential building not to exceed 1,000 gpd.

The design and construction of all wastewater systems, including the incorporation of the IWT, Model CBT 1.0KN Unit (1,000 gpd design flow), must conform to applicable provisions of the Chapter 11-62, HAR.

Should you have any questions please contact Mr. Mark Tomomitsu of our office at (808) 586-4294.

Sincerely,



SINA PRUDER, P.E., CHIEF
Wastewater Branch

MST:lmj

c: Dr. Roger W. Babcock, Jr., Professor/Graduate Chair, Civil Engineering/Water Resources Research Center, University of Hawaii
(via email rbabcock@hawaii.edu only)