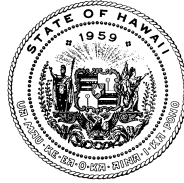


DAVID Y. IGE
GOVERNOR OF HAWAII



VIRGINIA PRESSLER, 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:

Clearstream NSF ANSI 40 & 245
_600/750/800/1000_concur.ltr

July 17, 2018

Mr. Tye Hunter
President
Clearstream Wastewater Systems, Inc.
P.O. Box 7568
Beaumont, Texas 77726
Email: tbruursema@watertomorrowconsulting.com

Dear Mr. Hunter:

Subject: Clearstream Wastewater Systems, Inc.
Model 500DA Wastewater Treatment System

Specific Evaluation Report Under the Provisions of NSF/ANSI Standard 40 (2013)
Conducted by Gulf Coast Testing LLC, SPE 178, August 1, 2015

Specific Evaluation Report Under the Provisions of NSF/ANSI Standard 245 (2012)
Wastewater Treatment Systems – Nitrogen Reduction
Conducted by Gulf Coast Testing, LLC, SPE 178, August 1, 2015

Standard Performance Evaluation Supplemental Report Wastewater Treatment
System Modified and Scaled Up Units Under the Provisions of NSF/ANSI Standard
245 (2013) Wastewater Treatment Systems – Nitrogen Reduction
Conducted by Gulf Coast Testing, LLC, SPE 180, May 1, 2016,
and amendments of June 15, 2018.

[Seeking Approvals for Models 500DA/DAC, 500DAS/DASC, 500DAST, 500DAT,
500DAC2, 500DAC3-500, 500DAC3-750, 500DAU, 600DA/DAC, 600DAT,
600DAC2, 600DAC3, 600DAU, 750DA/DAC, 750DAT, 750DAC2, 800DA/DAC,
800DAT, 800DAC2, 1000DA/DAC, 1000DAD, 1000DATD, 1000DACD]

This letter supersedes our letter dated July 16, 2018. The Department of Health (DOH), Wastewater Branch (WWB) acknowledges receipt of your letter of May 1, 2018, transmitting copies of the subject Specific Performance Evaluation Report and Standard Supplemental Evaluation Reports for Nitrogen Reduction Alternate Design and Scale-Up, and other associated documents for the Clearstream Wastewater Systems, Inc., Model 500DA Wastewater Treatment System 500 gallons per day (GPD) design flow unit prepared by the

Mr. Tye Hunter
July 17, 2018
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Gulf Coast Testing, LLC. The DOH also acknowledges the receipt of the amended Standard Performance Evaluation Supplemental Report Wastewater Treatment System Modified and Scaled-Up Units Under the Provisions of NSF/ANSI Standard 245 (2013) Wastewater Treatment Systems – Nitrogen Reduction Conducted by Gulf Coast Testing, LLC, SPE 180 document of June 15, 2018, transmitted by email dated June 18, 2018. The DOH reviewed the subject Specific Evaluation and Standard Performance Evaluation Supplemental Reports toward your request to seek approval as equivalent NSF/ANSI aerobic treatment units as provided under Hawaii Administrative Rules (HAR), Section 11-62-35(a), Other Individual Wastewater Systems (IWS).

The DOH reviewed the Specific Performance Evaluation Reports of August 1, 2015, and subject Supplemental Report(s) regarding Nitrogen Reduction Alternate Design and Scale-Up of May 1, 2016, and June 15, 2018, and concurs with the conclusions made by Gulf Coast Testing, LLC in the reports that the Clearstream Wastewater Systems, Inc., Models 600DA/DAC, 600DAT, 600DAC2, 600DAC3, 600DAU, 750DA/DAC, 750DAT, 750DAC2, 800DA/DAC, 800DAT, 800DAC2, 1000DA/DAC, 1000DAD, 1000DATD, and 1000DACD (600, 750, 800, and 1,000 GPD design flow units, respectively) has by analysis and evaluation fulfilled requirements of both the NSF/ANSI Standards 40 and 245.

The DOH approves the Clearstream Wastewater Systems, Inc., Models 600DA/DAC, 600DAT, 600DAC2, 600DAC3, 600DAU, 750DA/DAC, 750DAT, 750DAC2, 800DA/DAC, 800DAT, 800DAC2, 1000DA/DAC, 1000DAD, 1000DATD, and 1000DACD (500, 600, 750, 800, and 1,000 GPD design flow units) wastewater treatment systems as an equivalent NSF Standards 40 and 245 aerobic treatment units that may be used in the State of Hawaii. The systems 600DA/DAC, 600DAT, 600DAC2, 600DAC3, 600DAU (600 GPD design flow units) may be used to serve a dwelling unit not to exceed three (3) bedrooms or a non-residential building not to exceed 600 GPD. The systems 750DA/DAC, 750DAT, 750DAC2 (750 GPD design flow units) may be used to serve a dwelling unit not to exceed three (3) bedrooms or a non-residential building not to exceed 750 GPD. The systems 800DA/DAC, 800DAT, 800DAC2 (800 GPD design flow units) may be used to serve a dwelling unit not to exceed four (4) bedrooms or a non-residential building not to exceed 800 GPD. The systems 1000DA/DAC, 1000DAD, 1000DATD, and 1000DACD (1,000 GPD design flow units) 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 Clearstream Wastewater Systems, Inc., Models 600DA/DAC, 600DAT, 600DAC2, 600DAC3, 600DAU, 750DA/DAC, 750DAT, 750DAC2, 800DA/DAC, 800DAT, 800DAC2, 1000DA/DAC, 1000DAD, 1000DATD, and 1000DACD (600, 750, 800, and 1,000 GPD design flow units, respectively), must conform to applicable provisions of the Hawaii Administrative Rules (HAR), Chapter 11-62, "Wastewater Systems."

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Sina Pruder".

SINA PRUDER, P.E., CHIEF
Wastewater Branch

MST:sp