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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 29, 2022

Mr. Jerry McKinney
Clearstream Wastewater Systems, Inc.
P.O. Box 7568
Beaumont, TX 77726

Subject: Clearstream Products 1000NCD, 1200NCD, and 1500NCD

Dear Mr. McKinney:

The Texas Commission on Environmental Quality (TCEQ) reviewed your letter and five supporting documents that were submitted by email from Richard Corey on July 18, 2021, for the three above-referenced extended aeration activated sludge treatment products. On June 18, 2021, TCEQ received NSF's Standard 40 report for Clearstream 500N and its associated supplemental scale-up report for the 1000NCD, 1200NCD, and 1500 NCD products. After reviewing your letter, the five supporting documents, NSF's 500N Standard 40 report and its associated supplemental scale-up report, TCEQ has completed its review of the Clearstream Products 1000NCD, 1200NCD, and 1500NCD listed in the table below. The listed products are approved for use in Texas at capacities of 1000, 1200, and 1500 gallons per day, respectively. This approval is based on:

- The NSF authorization for the Clearstream Products 1000NCD, 1200NCD, and 1500NCD products to bear the NSF Mark, certifying that the listed products and their performances conform with NSF Standard 40 for Class 1 residential wastewater effluent. The basis for the issuance of the NSF Mark for the Clearstream Products 1000NCD, 1200NCD, and 1500NCD was scale-up analysis based on the Clearstream Product 500N, as conveyed by NSF on June 18, 2021.
- The TCEQ approval of the Clearstream Product 500N.
- Review and approval of the following documents:
 - 1000-1500NCD OWNERSMANUAL.rev1.pdf
 - SPEC 1000-1500NCD.pdf
 - TEX REVIEW for MFG rvw2.pdf and TEX USER GUIDE 1000-1500NCD.pdf

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Model Name	Maximum Capacity (gallons per day)	Pretreatment Tank Requirement (gallons per day)	Aerator	Control Panel
1000NCD	1000	500-1000	GAST 103G, (2) CS103ED	CS-114C
1200NCD	1200	600-1200	(2) CS103ED	CS-114C
1500NCD	1500	750-1500	GAST 103H, (2) CS103ED	CS-114D

This letter serves as proof of approval for the above-listed product until it is listed on the TCEQ website. If you have any questions or require clarification or additional information, please contact Donna Cosper, P.E. by email at donna.cosper@tceq.texas.gov.

Sincerely,



Marilyn Gates, Section Manager
Program Support Section
TCEQ