



MASSACHUSETTS WATER RESOURCES AUTHORITY

Chelsea Facility
2 Griffin Way
Chelsea, Massachusetts 02150

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Frederick A. Laskey
Executive Director

February 6, 2020

Mr. Chris Felix
Eco-Drain System
7445 Airport Hwy.
Holland, Ohio 45280

Dear Mr. Felix:

I have reviewed the packet of information that you provided, requesting that the Massachusetts Water Resources Authority (MWRA) approve the use of several Eco-Drain products in MWRA's Sewerage Service Area for the elimination of grease primarily for hospitals, healthcare facilities, and the food service industry. The information you submitted with your request states that most of the Eco-Drain products (e.g. solid puck, in-sink ball, floor drain device, etc.) are made up primarily of live, non-pathogenic bacteria strains and a small amount of surfactant that digest grease leaving behind water and CO₂. The information supplied in the MSDS states that the product is not flammable, toxic, or corrosive to the sewer system, and contains no hazardous ingredients. The information provided by you at our meeting stated that this product contains no ingredients or physical properties that would cause the grease to re-solidify in downstream sewer lines.

The other two products submitted for review were Sugar Snake Slime Remediator and BioPur. The Sugar Snake Slime Remediator is composed of 82.5% water and 17.5% hydrogen peroxide and is designed to eliminate mold in drink lines at restaurants and other food service facilities. BioPur, a mixture of 90% water and 10% a combination of urea, bio-surfactant, sugar, protease and amylase is applied using a high pressure jet. Neither of these products are considered hazardous, flammable, toxic, or corrosive in these concentrations.

Based on an analysis of the information submitted by Eco-Drain, MWRA approves the proposed discharge of these products to the sewer for the uses outlined above, as authorized by 360 CMR 10.017, subject to the following conditions:

1. The approved use is only for the products listed above, as described in the material submitted by you to MWRA.
2. Approval by the MWRA for use of these products in its Service Area is not an endorsement of the product or an approval with respect to the benefits, effectiveness, or performance of this product.
3. The resulting discharge will not cause or contribute to an obstruction or blockage in the sewer or otherwise violate MWRA discharge standards listed in 360 CMR 10.021-10.024.

MWRA approval applies only to drain lines and interceptors that are connected to the sewer. The use of this product for septic systems is outside MWRA's jurisdiction and requires an approval from the Massachusetts Department of Environmental Protection. Municipalities and permitted industries within the MWRA Service Area should identify the use of this product on the MWRA annual permit renewal application form consistent with the requirements of the application.

Please feel free to call me at 617-305-5927 if you have any questions or need further assistance.

Sincerely,



Denise K. Breiteneicher
Program Manager, Energy and Environmental Management

cc: T. McGrath
A. Pierre-Louis
W. Schultz
K. Thomas
R. Weidman