



STATE OF WASHINGTON  
DEPARTMENT OF HEALTH

OFFICE of SHELLFISH and WATER PROTECTION

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February 12, 2013

Joe W. Lacey II  
Enviro-Flo, Inc.  
PO Box 321161  
151 Custom Drive  
Flowood, MS 39232

Dear Mr. Lacey:

Thank you for your application for product registration of the NuWater BNR-600 Treatment System with Salcor 3G ultraviolet light (UV) disinfection units and the NuWater BNR-600 Treatment System without Salcor 3G UV disinfection. The Department of Health, in accordance with Chapter 246-272A WAC, On-site Sewage Systems, has reviewed the information provided in your application for Category 1 treatment sequence listing.

The NuWater models in this evaluation involve a design flow of 600 gpd. Our review indicates that the NuWater BNR-600 series without UV and the NuWater BNR-600 with two Salcor 3G UV disinfection units meets the requirements set forth in WAC 246-272A-0120 for proprietary treatment product registration.

Subject to this determination, the NuWater models with and without multiple Salcor 3G UV disinfection units will be placed on the List of Registered On-site Treatment Products (Registered List) under the categories and allowances stated below.

Manufacturer/ Contact Information	Product Name / Model	Rated Capacity	Treatment Process
Enviro-Flo, Inc. 151 Custom Drive Flowood, MS 39232 Tel: (877) 836-8476 Tel: (601) 939-2948 Fax: (601) 939-3526 E-mail: joe@enviro-flo.net Web: http://www.enviro-flo.com <b>**NOTE: This product was formerly named Bio-Robix.</b>	NuWater** BNR 500 BNR 600	500 600	Suspended Growth
	NuWater** with Salcor 3G UV BNR 500 BNR 600	500 600	Suspended Growth & UV Disinfection Treatment Sequence

The NuWater BNR-600 series with the multiple Salcor 3G UV disinfection units include a flow-splitter for design flows greater than 500 gpd and up to 600 gpd. The flow-splitter distributes flow proportionally to the multiple Salcor UV disinfection units so that each UV unit receives no more than 300 gpd. The influent flow rates to each Salcor 3G UV units are less than the influent flow rates to the Salcor 3G UV unit during the bacteriological reduction testing period with the NuWater BNR-500 series.

For proprietary treatment product registration purposes, the NuWater BNR-600 series **with** the multiple Salcor 3G UV disinfection units meet Treatment Level A (10 mg/L CBOD5, 10 mg/L TSS, and 200 fecal coliform/100ml), and Treatment Level B (15 mg/L CBOD5, 15 mg/L TSS, and 1,000 fecal coliform/100ml) for Category 1 systems.

The NuWater BNR-600 series **without** UV disinfection meets Treatment Level B (15 mg/L CBOD5, 15 mg/L TSS, and 1,000 fecal coliform/100ml) and Treatment Level C (25 mg/L CBOD5, 30 mg/L TSS, and 50,000 fecal coliform/100ml) for Category 1 systems.

This review does not include review and registration of the Sewage Tank. All on-site sewage tanks must be on the list of Registered Sewage Tanks before they can be used in Washington, as required by Chapter 246-272C WAC. For information about sewage tank reviews, please contact Jeanne M Andreasson at (360) 236-3360 or Jeanne.Andreasson@doh.wa.gov.

Please be advised that this registration expires December 31st of each year. Manufacturers desiring to continue product registration must obtain department renewal according to the requirements in WAC 246-272A-0120(5).

If you have any questions, please contact me at (360) 236-3379 or by email at [lynn.schneider@doh.wa.gov](mailto:lynn.schneider@doh.wa.gov).

Sincerely,



Lynn Schneider  
Wastewater Management Specialist

Cc: Environmental Health Directors  
Sewage Program Coordinators