



**STATE OF WASHINGTON
DEPARTMENT OF HEALTH**

OFFICE of SHELLFISH and WATER PROTECTION

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March 8, 2011

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 BIO-ROBIX NR Model B-500-NR Wastewater Treatment System. The Department of Health, in accordance with Chapter 246-272A WAC, On-site Sewage Systems, has reviewed the information provided to us in your application for Category I treatment product listing. The BIO-ROBIX NR Model B-500-NR unit in this evaluation has a design rated capacity of 500 gallons per day (gpd). Our review indicates that the BIO-ROBIX NR Model B-500-NR unit meets the requirements set forth in WAC 246-272A-0120 for proprietary treatment product registration.

Subject to this determination, the BIO-ROBIX NR Model B-500-NR unit 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 (gpd)	Treatment Process
Enviro-Flo, Inc. P.O. Box 321161 Flowood, MS 39232 Tel: (877) 836-8476 Fax: (601) 845-4716 E-mail: joe@enviro-flo.net Web: http://www.enviro-flo.net	BIO-ROBIX NR B-500-NR	500	Suspended Growth

The BIO-ROBIX NR Model B-500-NR unit is considered a Category 1 (designed to treat residential sewage) treatment sequence in Washington State. The February 2011 ANSI/NSF Standard 40 evaluation report received for the BIO-ROBIX NR Model B-500-NR showed a CBOD₅ maximum 30-day average (arithmetic mean) of 6 mg/L and a TSS maximum 30-day average (arithmetic mean) of 7 mg/L. The report's test results verifying bacteriological reduction performance showed a fecal coliform maximum 30-day geometric mean below the Treatment Level B threshold value of 1000 fecal coliform/100 ml during the six month test period. For proprietary treatment product registration purposes, these results verify the BIO-ROBIX NR Model B-500-NR unit performance at Treatment Level B (15 mg/L CBOD₅, 15 mg/L TSS, and 1,000 fecal coliform/100ml) as well as Treatment level C and D 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.

Please be advised that this registration expires December 31 of each year. Manufacturers desiring to continue product registration must obtain department renewal according to the requirements in WAC 246-272A-0120(5). If the department finds the product has changed in any way that affects performance, it may not be renewed and must meet the requirements for initial registration.

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

Sincerely,



Lynn Schneider
Wastewater Management Specialist

Cc: Environmental Health Directors
Sewage Program Coordinators