



Mike Braun
Governor

Lindsay M. Weaver, MD, FACEP
State Health Commissioner

November 7, 2025

Daniel Westrich
Manager of Regulatory Affairs
BioMicrobics, Inc.
16002 W. 110th Street
Lenexa, KS 66219

Dear Mr. Stoddard,

Re: Approval of BioMicrobics, Inc. RetroFAST Series

The BioMicrobics, Inc. RetroFAST Models 0.150, 0.250, 0.375 USEPA (Environmental Protection Agency) ETV (Environmental Technology Verification) program (RetroFAST 0.375 tested) are hereby approved for use in Indiana as a rejuvenation product in an onsite sewage system with a soil absorption field experiencing biomat formation failure, or in new or existing septic tanks preceding a soil absorption field not experiencing biomat failure as a preventative measure, under the provisions of 410 IAC 6-8.3-52(h) and 410 IAC 6-10.1-49(h). The Indiana Department of Health's (IDOH) Technical Review Panel (TRP) reviewed and approved the products on July 25, 2025, subject to the conditions included in this letter.

The BioMicrobics, Inc. Approved RetroFAST Models are limited to:

BioMicrobics Series	Model	Flow Rate Limitation (GPD)
RetroFAST®	0.150	300
RetroFAST®	0.250	600
RetroFAST®	0.375	800

This approval is subject to all conditions listed below:

To **promote**, **protect**, and **improve** the health and safety of all Hoosiers.

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The Indiana Department of Health is accredited by the Public Health Accreditation Board.



I. The BioMicrobics, Inc. is required to:

- a) Develop a RetroFAST Design and Installation Manual approved by the IDOH. The RetroFAST Design and Installation manual dated November 2025 is hereby approved by the IDOH;
- b) Develop a checklist, approved by the IDOH, to determine whether a RetroFAST product is suitable for installation at a site. The RetroFAST Rejuvenation Site Evaluation checklist dated November 6, 2025, is hereby approved by the IDOH; and
- c) Submit a report to the IDOH TRP containing information on the RetroFAST product use for the previous calendar year. The report is due by January 31 of the following year and shall include the following information:
 - 1) Total number of RetroFAST units sold for use in Indiana, address and county of each install, owner's name, owner's mailing address, type of use, and design flow, and
 - 2) Date of installation and start up.

II. The use of the RetroFAST product is subject to:

- a) The owner or owner's agent must obtain a construction permit issued by the local health department (LHD) for the use of the RetroFAST product for repair of the on-site sewage system.
- b) Installation shall be completed by a RetroFAST manufacturer certified installer.
- c) The property utilizing a residential or commercial on-site sewage system experiencing biomat formation failure in the soil absorption field may only be considered as a candidate for rejuvenation using the RetroFAST product if the LHD or IDOH has a complete construction permit on file for the site.
- d) Start-up of the system and initial operation checks shall be conducted and documented by a RetroFAST manufacturer certified professional.
- e) The RetroFAST installation tank must provide a minimum retention time of 48 hours of the system's daily design flow or meet or exceed current septic tank sizing requirements.



- f) The RetroFAST product shall not be proposed for installations where:
 - 1) The seasonal or perched water table, as identified in a soil evaluation report, would be less than twenty-four inches below the bottom of a subsurface soil absorption field or less than twenty inches below the bottom of an above-ground soil absorption field unless modified by subsurface drainage, or
 - 2) The existing septic tank has not been inspected and shown to be watertight, or
 - 3) The proposed installation is to precede a dry well, cesspool, or discharge tile.
- g) The permittee shall maintain a service agreement with a RetroFAST manufacturer-certified service provider throughout the lifetime of use of the RetroFAST product.
- h) The RetroFAST product shall be inspected at a minimum of twice a year or more frequently to ensure the proper operation and maintenance of the product and soil absorption system.
- i) A copy of the service contract must be submitted to the local health department prior to the issuance of the on-site sewage system permit for the RetroFAST product; and must be renewed at a minimum annually.

This approval may be revoked or modified by the TRP for non-compliance by BioMicrobics, Inc., or if it is documented that it would not be in the best interests of public health for approvals to continue.

If you wish to request administrative review of this *Approval* pursuant to Indiana Code 4-21.5-3-5, you must file a petition for review within fifteen (15) days after this *Approval* is received.

The petition for review must be in writing and must include facts demonstrating that:

- The petitioner is a person to whom the *Approval* is specifically directed;
- The petitioner is aggrieved or adversely effected by the *Approval*; or
- The petitioner is entitled to review under any law.

Any petition for review should be submitted in writing to the State of Indiana Office of Administrative Law Proceedings in one of the following ways:

1. Go online to www.in.gov/oalp and complete a Petition for Review (State Form 56961 (5-20));
2. Mail your petition for review to the Office of Administrative Law Proceedings at 100 N. Senate Avenue, Suite N-802, Indianapolis, Indiana 46204; or



3. Appear in person at the Office of Administrative Law Proceedings at 100 N. Senate Avenue Suite N-802, Indianapolis, Indiana 46204, and file your petition for review. You will need this document to complete your petition.

If you do not object to this product approval, you do not need to take any further action.

Sincerely,

Michael Mettler, REHS
Director
Environmental Public Health Division
317/233-7183
mmettler@health.in.gov