

Membrane Biological Reactor (MBR) Product Approval Conditions

1. Develop a product specific Design, Installation, Maintenance & Service, and Owner's Manual approved by the department.
2. Use of the product will not include design or configuration which allows the bypass of untreated sewage.
3. Installation shall be completed by a product manufacturer certified installer.
4. Start-up of the system and initial operation checks shall be conducted and documented by a product manufacturer certified professional.
5. The MBR filter pore opening (min and max) and surface area (min) will be provided by a manufacturer's representative for each design.
6. Proposed tankage for the MBR placement will be approved in writing by the manufacturer's Indiana representative.
7. The pretreatment tank for the system must have at least ½ DDF but must provide for ease of maintenance access and acceptable interval. Dimensioning and volume of tankage will be documented to be consistent with NSF certifications.
8. The permittee shall maintain a service contract with a manufacturer certified service provider throughout the lifetime of use of the product.
9. The product shall be inspected at a minimum of twice a year or more frequently to ensure the proper operation and maintenance of the product.
10. 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 product; and must be renewed at a minimum annually.
11. Submit a report to the TRP containing information on the product's use for the previous calendar year. The report is due by January 31 of the following year and shall include the following information:
 - a. Total number of 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
 - b. Date of installation and start up.