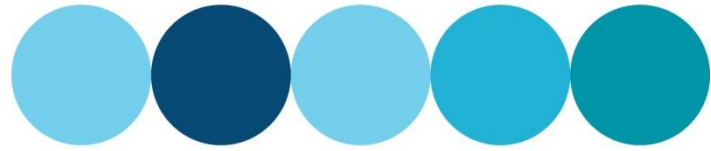


Approval certificate

Trade waste pre-treatment product



Applicant: Environmental Biotech for Perth & Mandurah
Postal address: PO Box 7140 Applecross North LPO WA
6153

Attention: David Ramsay

Web: www.environmentalbiotech.com.au

Email: david.r@environmentalbiotech.com.au

Manufacturer: Environmental Biotech International

Address: 3025 Lakewood Ranch Blvd, Unit 106, Bradenton FLORIDA 34211 USA

Product description

The Grease Eradication System (GES) as manufactured by Environmental Biotech contains a blend of naturally occurring, non-pathogenic, live vegetative bacteria that are automatically dosed into the industrial waste system. The bacteria are designed to digest and eradicate grease, fat and oil from industrial waste lines and grease arrestors. The bacteria actively function between temperatures from 10°C to 45°C and pH range of 5.0 to 8.5.

The GES product is delivered to customers 'ready-to-use' and is dosed at a rate of 60 to 120 mL/h every 30 minutes depending upon the severity of grease accumulation.

The product Approval Number is AN-033-01.

Special conditions of approval

1. Connection of the product must be upstream of an appropriately sized Water Corporation accepted grease arrestor.
2. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
3. The product shall be *installed* strictly in accordance with the manufacturer's written instructions and performed by a licensed plumber. The product must be installed at the furthest point of the plumbing system leading into the grease arrestor with regard to flow, access and ensuring bacterial life of the product.
4. The receiving grease arrestor **MUST NOT** be agitated when using this product.
5. The product shall be *used* as tested in the 1997 trials, referred to as 'Grease Eradication System'.
6. The product shall be provided and operated as a comprehensive system as tested during the 1997 trials (that is, an automated dosing system installed and serviced by an Environmental Biotech representative).
7. The Commercial and Industrial Services Section is to be advised of the business name and address of each installation of the Grease Eradication System. If an installation is removed from a premise, or a customer ceases to have an installed system properly maintained by an Environmental Biotech representative, then Environmental Biotech must notify the Commercial and Industrial Services Section.
8. A *maintenance* contract is to be in place to ensure the ongoing reliability of the product.
9. Water Corporation must be notified within fourteen (14) days upon installation of the product.
10. Clear access for the purposes of maintenance or servicing of the product must be maintained at all times.
11. This acceptance certificate is not an endorsement of the product by Water Corporation, and no claim shall be made in advertising, promotion or other manner to the effect.
12. Water Corporation accepts no responsibility for the effective operation, performance or efficiency of the product.
13. The proponent of the accepted product must formally seek a request for re-acceptance of the product no later than three (3) months before the assigned **Validity Period** has expired from the **Date Issued** of this acceptance certificate.
14. Water Corporation reserves the right to vary any requirements at any time. Any application of this condition normally occurs after consultation with the manufacturer, supplier and end business user connected to Water Corporation's sewer.
15. Water Corporation shall be notified in writing if the product is withdrawn from sale.
16. The proponent of the accepted product accepts that the information provided in this document shall be made publicly available.

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General conditions of approval

Approval shall be **suspended** where any of the following conditions are not met:

1. If there is a breach of the Special Conditions.
2. The assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
3. The product shall be manufactured in accordance with Water Corporation's requirements at the time of approval.
4. The product shall be manufactured to comply according to the details as described of the product as used in the 1997 test trials, referred to as 'Grease Eradication System'. Any proposed changes in the product, or variations in typical dose rates, or in the method of preparation of the product from those conditions in the trials must be advised in advance to the Water Corporation's Commercial and Industrial Services Section.
5. The product supplied for use in Water Corporation's area of operations shall comply with the requirements shown on this approval certificate. Sizes, classes, lengths or other product variables which are available with the product but which are not approved as listed on this approval certificate shall not be offered by the supplier for use in Water Corporation's area of operations.
6. All discharges to sewer associated with this product must not exceed Water Corporation's *Trade Waste Acceptance Criteria*. Where the discharge *has* or is *likely* to exceed the *Trade Waste Acceptance Criteria* then the Corporation may direct a *specific* or *ongoing* maintenance requirement to be followed.
7. Prior to any business (which is connected to Water Corporation's sewer) installing this product the business must apply to Water Corporation for a *Trade Waste Permit* for approval to discharge.
8. If this certificate has been issued to the manufacturer of this product then it is the responsibility of the manufacturer to ensure all current and future suppliers / vendors of this product are provided a copy of this approval certificate.

Approval shall be **reviewed** where any of the following conditions occur:

1. The product is manufactured with either different materials, methods of manufacture, location of manufacture, source of raw materials, component subcontractors or models to that at the time of approval.
2. The ownership of the primary manufacturer or any subcontractors is varied from that at time of approval.
3. The standards and/or specifications to which the product was required to comply with at the time of approval have been amended or revised. It is the responsibility of the proponent to immediately advise Water Corporation of any changes to the proponent's drawings and installation, operation and maintenance manuals made at the time of approval.
4. The product has been found to sustain damage or provide unsatisfactory performance on a number of occasions considered excessive by Water Corporation, when handled, stored, assembled or installed in accordance with the supplier's or manufacturer's written instructions.

Approved drawing(s):	None available
Authorising person:	Stephen Jerkovic (Team Leader – Investigations)
Date issued	15 May 2023
Validity period:	Five (5) years