

Northern Territory Product Approval On-site Wastewater Management System

Suncoast Waste Water Management

- **Ozzi Kleen GTS10 (10EP)**

Greywater Treatment System

1 Approval details

1.1 System

Name	Ozzi Kleen GTS10
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1.2 Manufacturer (Approval holder)

Company			
Name	Suncoast Waste Water Management		
Street address	59 Industrial Avenue, Kunda Park, QLD, 4556		
Postal address	As above		
ACN	063 770 534		
ABN	62 063 770 534		
Contacts			
Name	Michael Blee	Position	General Manager
Phone	(07) 5459 4900	Email	michaelblee@ozzikleen.com
Website	www.ozzikleen.com		

1.3 Approval number and expiry

Approval No.	2022/4560EH
HPRM File No.	EFILE2022/14698-07
Approval date	04/08/2022
Expiry date	04/08/2027

1.4 Issuing authority

Agency	NT Health
Address	PO Box 40596, Casuarina NT 0811
Phone	(08) 8922 7152
Email	envirohealth@nt.gov.au
Website	www.nt.gov.au (wastewater management)

1.5 Issuing authority's approval*

Approved	Date: DD/MM/YEAR
Tracy Ward Director Environmental Health Public Health Division NT Health	Signature:

* This approval is issued under Part 6 – Wastewater Management, Division 4 – “Product approval for on-site wastewater management system” of the Public and Environmental Health Regulations

1.6 System detail

1.6.1 The approved system is designed to treat all domestic greywater, excluding kitchen waste. The system is a single, cylindrical vertical axis, polyethylene collection well with a total design capacity of 4,850 litres. The system has a design capacity of 10EP, with a maximum hydraulic load of 2,000 litres/day and BOD₅ loading of 700 grams/day.

1.6.2 The treatment process within the system involves an aeration process consisting of three main cycles:

- **Aeration cycle:** The incoming greywater is aerated and oxygenated with air supplied by the air blower. The aeration cycle is maintained for a period of time to allow for biological breakdown of the organic waste and establish an activated sludge within the wastewater;
- **Settling cycle:** After the aeration cycle, aeration ceases for approximately 60 minutes, allowing the activated sludge to settle to the bottom of the aeration tank. A layer of clear effluent is formed at the top of the aeration tank.
- **Decanting cycle:** After a predetermined settling period, a decanting cycle takes place. The decanter device draws off the clear effluent from the top of the aeration tank. The decanting cycle continues until either the liquid level in the tank reaches the minimum level or the timer activates the system back into the aeration cycle.

1.7 Product approval documentation

The following documents are referenced as part of this product approval:

Document	Document date
Application for Product Approval of an On-site Wastewater Management System	22/07/2022
Application for an On-Site Waste Water Management System – Ozzi Kleen Model GTS10 AWTS Cover Letter	22/07/2022
StandardsMark Licence Certificate No. SMKH20282 – certifying the Suncoast Waste Water Management system is manufactured to DGTS:2005 – NSW Health Department: Domestic Greywater Treatment Systems (DGTS) – Accreditation Guidelines – February 2005.	01/04/2020 Expiry 20/07/2025
SAI Global Certificate of Registration No. QMS40341 certifying that Suncoast Waste Water Management operates a quality management system compliant with ISO 9001:2015	8/05/2021 Expiry 7/05/2024
Certificate of Accreditation for Ozzi Kleen model GTS10 DGTS – NSW Government	16/10/2020 Expiry 31/12/25
Greywater Treatment System GTS10 – System Details Drawing No. GD-GTS10-H10.A	17/08/2011
Ozzi Kleen Manufacturer’s Warranty	08/12/2010
Ozzi Kleen Greywater Treatment Plant Model – GTS10 - Owner’s Manual	21/09/2010

Ozzi Kleen Greywater Treatment Plant Model – GTS10 – Installation Manual	29/07/2009
Receiver of Territory Monies - Receipt No. 6812420480	04/08/2022

2 General conditions

- 2.1 The system is manufactured by Suncoast Waste Water (“the manufacturer”) and shall be constructed, supplied, installed and commissioned, operated and maintained in accordance with:
 - 2.1.1 The plans and specifications as submitted
 - 2.1.2 Code of Practice for Product Approval of On-site Wastewater Management Systems
 - 2.1.3 Code of Practice for Wastewater Management
 - 2.1.4 All relevant standards and codes
 - 2.1.5 Conditions of this approval.
- 2.2 The manufacturer shall provide the following information to the owner or occupier of the premise at which the system is located:
 - 2.2.1 Copies of the Owner and Installation Manuals,
 - 2.2.2 Copies of any operation and maintenance instructions associated with the system including a copy of the section of this approval titled ‘installation, operation and maintenance’.
- 2.3 The manufacturer is responsible for ensuring compliance with conditions of this product approval.
- 2.4 The manufacturer is responsible for ensuring that product certification with the relevant Australian Standard is current for the period of the product approval.
- 2.5 This product approval is not transferable without the prior approval of NT Health.
- 2.6 If any modifications are proposed for the system that alters its design, as outlined in the design documentation referenced in this product approval, the approval holder is required to advise NT Health in writing and apply for an application to vary this product approval.
- 2.7 If at any time it is determined by NT Health that it cannot be demonstrated that the conditions of this approval are being maintained NT Health may provide direction to the manufacturer to undertake actions to comply.
- 2.8 Direction under the previous clause of this product approval may include modifying current conditions, additional conditions or suspending or cancelling this product approval.
- 2.9 NT Health, by written notice, may cancel this product approval and require the repair, replacement, rectification, alteration of the system or part thereof:

- 2.9.1 Should the system or component thereof no longer be manufactured or available for purchase; or
- 2.9.2 If the system is defective and not able to perform the function for which the approval is issued; or
- 2.9.3 If the manufacturer fails to comply with one of more approval conditions; or
- 2.9.4 If the manufacturer within 30 days, fails to remedy a breach for which written notice has been given by NT Health.

3 Installation, operation and maintenance

- 3.1 The system must be installed by a licensed plumber in accordance with the *Building Act* and Regulations [within Building Control Areas administered by the Department of Infrastructure, Planning and Logistics – Building Advisory Services (DIPL)] and the *Public Health and Environmental Health Act* and Regulations (outside Building Control Areas administered by NT Health).
- 3.2 The installation of each system shall comply with the manufacturer's installation instructions and shall comply with the minimum setbacks as specified in the Code of Practice for Wastewater Management.
- 3.3 The blackwater from toilets must not be discharged into the system.
- 3.4 All electrical work must be carried out by a licensed electrician and in accordance with the relevant provisions of AS/NZS 3000.
- 3.5 Officers from NT Health or DIPL reserve the right to inspect installations and also to assess installation and their performance.
- 3.6 Cross connection of the system with the water supply for the premises must be prevented at all times. Backflow prevention devices are to be installed in accordance with AS/NZS 3500 and the relevant water utility requirements.
- 3.7 Ensure that the system owner is provided with an owner's manual.
- 3.8 Maintain a list of installed systems that includes details of system type, date sold, owners name, owners address, owners contact details, installers name, installers contact details, service dates and service agent.
- 3.9 The system once installed, must be maintained in a fully operational and sanitary state at all times by the user/owner in accordance with the product approval conditions, manufacturer's requirements and any other specific requirements by NT Health or DIPL.

- 3.10 The system should be serviced at the intervals in accordance with the manufacturer's maintenance procedures. Records are to be kept of all system maintenance and are to be maintained on-site.
- 3.11 Desludging is to be carried out in accordance with the manufacturer's maintenance procedures.