



Environmental Health Branch
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Suncoast Waste Water Management
6-40 Olsens Road
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Dear Ms Wardle

RE: TYPE APPROVAL FOR AWTS - OZZI KLEEN MODEL RP10

I wish to advise that type approval is granted for the use of the Ozzi Kleen Model RP10 (“the system”) in the Northern Territory as shown in the drawings and specifications that you have provided. The type approval number is 01/02.

This type approval is subject to the following conditions:

- This type approval is valid for 5 years from the date of this letter. The manufacturer will be required to formally apply to this office for renewal of the type approval no earlier than two months prior to the expiry date.
- This type approval does not apply to the land application system used in conjunction with the system.
- The system is approved for domestic (and/or commercial) wastewater flow not exceeding 2000 litres/day with a corresponding organic loading not exceeding 600 grams BOD/day.
- Any dischargers involved with the manufacture, processing, wholesaling, preparation and retail of food products will be required to install pre-treatment equipment to the system. Any other types of dischargers will need written approval from the manufacturer. Only pretreatment devices approved by the manufacturer will be permitted.
- The system is not to be installed in remote communities unless there is prior approval from with DHCS.

- The system can only be installed in an unsewered area. Once sewer is available to the premises, this system must cease to operate and all wastewater must then be discharged to the sewer.
- The system shall be supplied, constructed and installed in accordance with the design as submitted to the Department of Health and Community Services (DHCS).
- The manufacturer shall liaise with the DHCS Environmental Health Branch – Health House to arrange an inspection of an installed system to determine compliance with the design and approval conditions.
- Any modification or variations to the design of the system shall be submitted for separate consideration by DHCS.
- All pumps and controls supplied with the system are to be suitable and durable for their intended purposes and operating environment within the Northern Territory.
- Vehicular traffic is to be excluded from the area around the system.
- Desludging of the system is to be carried out in accordance with the manufacturers instructions with the sludge being transported to an approved waste management facility.
- Compliance with the provisions of the *Building Act* and *Public Health (General Sanitation, Mosquito Prevention, Rat Exclusion and Prevention) Regulations* that refers to the *Code of Practice for Small On-site Sewage and Sullage Treatment Systems and the Disposal or Reuse of Sewage Effluent* (the Code), the Administrative Procedures linked to the Code and any amendments to these documents.
- Each system shall be permanently and legibly marked with the following information:
 - The brand name of the system; and
 - The manufacturer’s name or registered trademark;
 - The month and year of manufacture.
- For surface irrigation, the effluent from the system taken in any random grab sample shall comply with the following criteria:

○ BOD ₅	less than 20 mg/L
○ Suspended Solids	less than 30 mg/L
○ Free residual chlorine	greater than 0.5 and less than 2.0 mg/L
○ Thermotolerant coliforms	less than 10 cfu/100 ml
- DHCS requires that the owner/occupier of a premises enters into and maintains an annual service contract with the manufacturer or the manufacturer’s appointed agent. If this is not practicable then DHCS will consider an alternative arrangement.

- The system shall be serviced at three monthly intervals in accordance with the details set out in the service manual. Records are to be kept of all maintenance of the system and are to be maintained on site. A copy of the records is to be provided to the Darwin Urban Environmental Health Office.
- A copy of the owners manual must be supplied with every installation to the owner or occupier of the premises.
- Prior to the expiry of this type approval, DHCS Environmental Health will on one occasion select up to 5 (number) or 10% of the installed AWTS (which ever is the greater) to undergo a sampling program as follows:
 - The manufacturer at its own cost shall arrange sampling at these locations to be performed within two months and give DHCS prior notice.
 - Environmental Health Officers may elect to be present onsite when sampling is undertaken.
 - The method of sampling and analysis shall be in accordance with the requirements of AS/NZS 1546.3:2001.
 - Samples for BOD₅, Suspended Solids (SS), thermotolerant coliforms are to be analysed by a NATA or similarly accredited testing laboratory, inclusive of the NT Department of Primary Industry and Fisheries – Berrimah Water Analysis Laboratory. The results are to be reported to DHCS in the following format:
 - address of premises
 - date sampled
 - sample identification number
 - BOD₅
 - SS
 - thermotolerant coliforms
 - disinfectant concentration
 - service history including copies of service reports
- DHCS, by written notice, may cancel this type approval and require the repair, replacement, rectification, alteration of the system or part thereof:
 - Should the system or component thereof not be manufactured, installed and/or operated in accordance with the approval conditions; or
 - If the system is defective and not able to perform the function for which the approval is issued; or
 - If the system is operated in a manner that is prejudicial to public and environmental health or causes environmental nuisance; or
 - If the manufacturer fails to comply with one of more approval conditions; or
 - If the manufacturer within 30 days, fails to remedy a breach for which written notice has been given by DHCS.

Yours sincerely

Xavier Schobben
Director Environmental Health

cc Environmental Health Officers
Building Advisory Services & Construction Agency – Department of Infrastructure,
Planning and Environment