

APPROVAL

PURSUANT TO
SECTION 53M(7) OF THE
ENVIRONMENT PROTECTION ACT 1970
CERTIFICATE OF APPROVAL

An approval is hereby issued by the Environment Protection Authority ("the Authority") under Section 53M(7) of the Environment Protection Act 1970 ("the Act").

FOR: Neatport Pty Ltd (trading as Suncoast Waste Water Management) Ozzikleen Domestic Greywater Treatment Plant GTS10

This is to certify that the above system ("the system") is a type of septic tank system approved by the Authority for the purposes of Part IXB of the Act, subject to the attached conditions.


A separate Permit ("the permit") is required from the relevant Council before installation. The permit shall govern the dispersal method and maintenance requirements.

Approval Number:

CA102/05

Date of Issue:

20 December 2005


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MAXWELL KEITH COSTELLO
MANAGER AUTHORITY DECISIONS



This Certificate of Approval is in force until 20 December 2010.

because this is our home
EPA INFORMATION CENTRE

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DEFINITIONS

Code of Practice means the current edition of EPA's Septic Tanks - Code of Practice.

Council means the local municipal council.

Act means the Environment Protection Act 1970.

Permit means a permit issued by a *Council* pursuant to Section 53M (5)(b) of the Act.

EPA means the Environment Protection Authority.

Greywater means any domestic wastewater excluding toilet wastewater.

General

1. This approval is valid for (5) five years from the date of this approval unless withdrawn earlier by the Authority.
2. The system must be manufactured, constructed, installed, operated and maintained in accordance with the manufacturer's specifications and instructions which were submitted to EPA for approval on 17 October 2005, and subsequent information submitted on 26 October 2005, 14 November 2005, 16 November 2005 1 December 2005.
3. No modifications or variations to the system may be made unless approved in writing by the Authority.
4. The system is approved for a domestic greywater flow rate not exceeding 2000 litres per day.
5. The system must be desludged at least once every three (3) years or as deemed necessary after an examination of system condition once every three (3) years.
6. The installation and operation of the system must comply with the relevant provisions of the Code of Practice, EPA Guidelines and Certificates of Approval, the NSW Health Department Domestic Greywater Treatment system Accreditation guidelines, and the relevant Australian Standards including AS/NZ1546.1, AS/NZS 1547:2000 Onsite Domestic Wastewater Management, AS/NZ1546.2, and AS/NZ1546.3.
7. A copy of the "Owner's Manual", "Installation Instructions" and "Operating Instructions" as contained in the application, and the Conditions of Approval and any other applicable permit conditions, must be supplied with every installation to the owner or occupier of the premises where the unit is installed.
8. An alarm system with suitable visual and/or audio with mute facility must be installed in an appropriate location to indicate a failure of any effluent pump or aeration component.

9. A permanent, clear and indelible notice must be attached to the system in a prominent position that must include the manufacturer's name and model number of the system.
10. The system must be installed with the inspection and access openings over the chambers being brought up to ground-surface level.
11. The manufacturer shall provide to the Council where it is intended to install the system in their area a copy of the following information:
 - quality assurance certification and/or quality installation plan; and
 - installation and servicing manual; and
 - owners/occupiers operating instruction manual
 - engineering drawings, detailed specifications and A4 installation plans; and
 - a full description of major mechanical and electrical components; and
 - approval documentation as obtained from the Authority; and
 - Statement of warranty and of service life; and
 - Service report form.
12. Installers of the system must ensure that recycled water supply pipes are clearly identifiable, of purple colour, and installed in accordance with AS/NZS 3500:2003 National Plumbing and Drainage Code.

Waste Discharges

13. The dispersal of treated effluent must be onto land where Council is satisfied that the effluent can be contained within the property boundary and satisfy the following requirements:
 - Code of Practice
 - Certificate of Approval 1.2/03 or 035/93 (current versions)
 - AS/NZS 1547 On-site domestic wastewater management
 - AS/NZS 1546.3 Aerated wastewater treatment systems
14. All effluent must be discharged to sewer during periods of wet weather or when it is unable to be beneficially reused on site, in accordance with EPA publication 812 'Reuse Options for Household Wastewater'.
15. The effluent from the treatment system must not exceed the following 90th percentiles:

For all discharges

Biochemical Oxygen Demand 20 mg/L

Suspended Solids 30 mg/L

For Surface Irrigation

E.coli 10 orgs/100 mL

Free residual chlorine 0.5 mg/L (minimum) and 2.0 mg/L (maximum)

Monitoring

16. If the effluent from the system is dispersed by surface irrigation onto land, the owner is required to cause an **annual** sample of the effluent to be taken. The sample must be tested for biochemical oxygen demand, suspended solids and E.coli.
17. The sampling and analysis program must be undertaken in accordance with the current edition of EPA publication 441 *A guide to sampling and analysis of waters, wastewaters, soils and wastes*, or other methods approved in writing by EPA.
18. All effluent samples are to be taken and analysed by a person or laboratory registered by the National Association of Testing Authorities (NATA) for those tests.

Maintenance

19. Maintenance of the system by a suitably qualified person or servicing agent must be carried out at least once every three (3) months and in accordance with the manufacturer's instructions.
20. Copies of the maintenance and analysis reports must be submitted to Council.

Reporting

21. An annual report shall be submitted to Council by the owner of the premises where the system is installed containing the following information:
 - Results of the performance evaluation referred to in condition 16;
 - Copies of laboratory analytical test reports;
 - Copies of inspection and maintenance reports for the period.