



Health

Certificate of Accreditation

Sewage Management Facility

Waterless Composting Toilet System

This Certificate of Accreditation is issued by the Secretary of the NSW Ministry of Health pursuant to Clause 41(1) of the Local Government (General) Regulation 2005.

*System: Green Loo GT120 (EP4) and GT330 (EP8)
Waterless Composting Toilet Systems*

Manufacturer: Green Loo Pty Ltd

Of: 95/54 Gemvale Road, Reedy Creek, QLD, 4227

The Green Loo GT120 and GT330 Waterless Composting Toilet Systems as described in Schedule 1 have been accredited as sewage management facilities for use in single domestic premises in NSW. This accreditation is subject to the conditions and permitted uses specified in Schedule 2 and in accordance with the Waterless Composting Toilets (WCT) Accreditation Guideline, May, 2005.



*A/Director, Environmental Health
for Secretary (delegation PH335)*

Issued: 24 September 2018

Certificate No: WCT011

Expires: 31 December 2023

Schedule 1: Specification

Green Loo Waterless Composting Toilet Systems

General Description

The Green Loo waterless composting toilet systems are available in two models. GT120 (Ep4) and the GT330 (Ep8). The Green Loo is manufactured in Finland and distributed as a kit by Green Loo Pty Ltd. The kit includes a pedestal, two alternating compost bins, a chute, a ventilation system including a fan, and a drainage tube. The kit also includes bags of peat, a bacterial culture and an enzyme chute cleaning fluid and bottle.

They are designed to receive and treat human waste from one toilet pedestal. Organic material (peat) must be added to the WCT prior to adding human waste and as a bulking agent at intervals specified by the manufacturer. The system is designed to reduce such wastes after a specified composting period (three months in-situ and 3 months maturation into an innocuous relatively dry waste that is capable of being disposed of within the premises without nuisance or risk to health.

The Green Loo composting bin is moulded from high density polyethylene and fitted with wheels. The tank is internally divided into two compartments, with the small bottom compartment used to collect excess moisture which is also fitted with a drain to a constructed absorption trench.

The Green Loo incorporates an exhaust fan to control odour emissions from the composting process. A liquid end product drain, if required, is supplied with all fittings and absorption trenching.

Schedule 2: Conditions of Accreditation

1. General

- 1.1 For each installation the owner/occupier of the premises shall make an application to the Local Authority to install a Green Loo WCT as a waste management facility in accordance with Section 68, Part C of the Local Government Act 1993 and Clause 29 of the Local Government (General) Regulation 2005.
- 1.2 Each installation application to the Local Authority shall include:
 - 1.2.1 Plans and specifications of the nominated model of the Green Loo WCT;
 - 1.2.2 A site plan drawn to scale showing the location and type of the proposed sullage (greywater) disposal system for the premises and state the method of disposal;
 - 1.2.3 A statement detailing the proposed method of disposal of the composted end product, the frequency of such disposal and the estimated volume of composted end product to be removed;
 - 1.2.4 A statement on whether the composting system is likely to produce a liquid component and how it is proposed to dispose of the liquid. The statement shall be supported by detailed plans of any necessary liquid disposal system.
- 1.3 Installation of the nominated model of the Green Loo WCT is restricted to the number of persons occupying the domestic premises and where in the opinion of the Local Authority the nominated model of the Green Loo WCT system will be capable of providing satisfactory toilet accommodation.
- 1.4 A permanent notice with basic instructions shall be affixed to the unit in a prominent position. The permanent notice shall include provision for recording the date the last time waste was added to the composting chamber.
- 1.5 The manufacturer shall supply with each system a comprehensive manual with details of the maintenance procedures necessary to ensure the efficient and safe operation of the system.
- 1.6 The Green Loo WCT shall be installed and operated in accordance with the manufacturer's instructions and any conditions imposed by the Local Authority.

- 1.7 All sullage / greywater shall be disposed of by means of a disposal system designed to the satisfaction of the Local Authority.

2. Installation and Commissioning

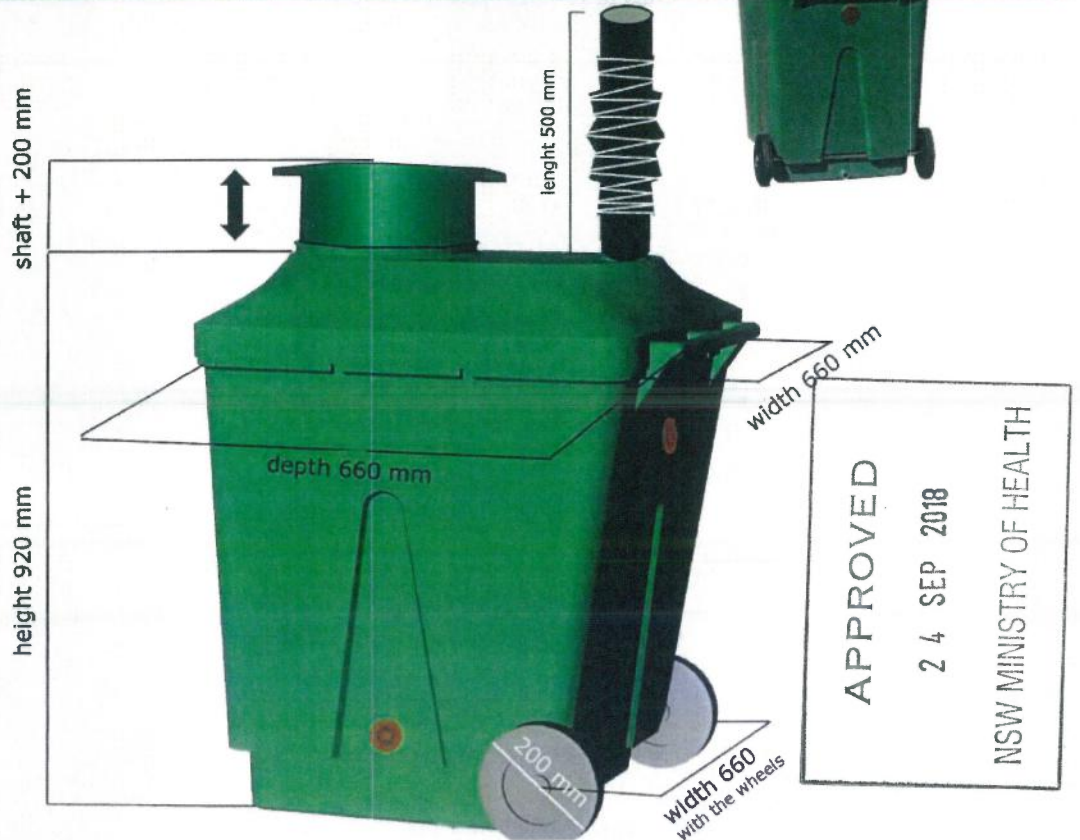
- 2.1 The Local Authority should require that all electrical work, where necessary, must be carried out by a licensed electrician and in accordance with the relevant provisions of AS/NZS 3000.

3. Maintenance

- 3.1 Unless otherwise directed by either the Local Authority or the NSW Ministry of Health, the composted end product after at least 3 months maturation is to be disposed of by burial within the confines of the premises in soil, which is not intended to be used for the cultivation of food for human consumption. The minimum cover of soil over the deposited compost must be 100 mm.

Green Toilet 330

technical information



Green Toilet 330

Height 920 mm

Waste shaft, flexible 200 mm

Width of the container w/wheels 660 mm

Depth 820 mm

Diameter of the ventilation pipe 110 mm

Connection of urine pipe between the wheels from the back

Diameter of the urine hose 29,5 mm

length 1,5 m

Weight: container 15 kg,
whole package w/peat 35 kg

Volume 330 l

Material: LDPE-plastic, manufactured in Finland



PikkuVihreä

Taalintehtaankatu 6 20750 TURKU FINLAND
+358-2-242 1089 www.pikkuvihrea.fi

Green Toilet Family 120

technical information



Green Toilet Family 120

Height 700 mm

Waste shaft, adjustable height 300 mm

Width of the container 600 mm, depth 600 mm, height 700 mm

Diameter of the ventilation pipe 110 mm, length 1.0 m

Diameter of flexible pipe 110 mm, length 500 mm

Diameter of urine hose 29.5 mm, length 1.5 m

Gross weight 24 kg, container weight 10 kg

Item package includes: container, capillary double base, waste shaft, wheels, 2 x ventilation pipes, pipe joint, flexible pipe, 2 x ventilation pipe holders, ventilation hat, urine canister (20 l) and hose, styrofoam seat, and dry material.

Volume 120 l

Material LDPE-plastic, manufactured in Finland

Pikku Vihreä

Taalintehtaankatu 6 20750 TURKU FINLAND
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APPROVED

24 SEP 2018

NSW MINISTRY OF HEALTH