

# **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 GL90 (EP3) Waterless Composting Toilet*

**Manufacturer:** *Green Loo Pty Ltd*

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

*The Green Loo GL90 Waterless Composting Toilet as described in Schedule 1 has been accredited as a sewage management facility 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 2010.*



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

**Issued:** *15 September 2020*

**Certificate No:** *WCT015*

**Expires:** *31 December 2025*



## Schedule 1: Specification

### Green Loo GL90 Waterless Composting Toilet Systems

#### General Description

The Green Loo GL90 waterless composting toilet of 90 litres capacity for 3 persons (3Ep) is distributed as a kit by Green Loo Pty Ltd. The kit includes a pedestal, two alternating compost bins, a mini 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.

It is 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 GL90 composting bins are moulded from high density polyethylene. 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 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 Council to install a Green Loo GL90 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 Council shall include:
  - 1.2.1 Plans and specifications of the Green Loo GL90 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 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 Green Loo GL90 WCT is restricted to the number of persons occupying the domestic premises and where in the opinion of the Local Council the nominated model of the Green Loo GL90 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 GL90 WCT shall be installed and operated in accordance with the manufacturer's instructions and any conditions imposed by the Local Council.
- 1.7 All sullage / greywater shall be disposed of by means of a disposal system designed to the satisfaction of the Local Council.

## **2. Installation and Commissioning**

- 2.1 The Local Council 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 Council 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.



**ACCREDITED**  
 15 SEP 2020  
 Waste Chute  
 NSW MINISTRY OF HEALTH

Toilet

Vent Cowl

600mm above roof penetration

Flashing

Fixing Brackets

Waste Hole

450mm minimum

Y Junction & Cap making condensate trap  
 Fan inside reducer  
 Flexible vent pipe  
 Vent outlet  
 Camlock Fitting  
 Excess Liquids Drain Pipe  
 Absorption Trench



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