



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 Enviro-Loo Models D2010 and C2020
Waterless Composting Toilets*

Manufacturer: *Green Loo Pty Ltd*

Of: *92/54 Gemvale Road, Reedy Creek, QLD, 4227*

The Green Loo Enviro-Loo Waterless Composting Toilets 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 2010.



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

Issued: *2 / 3 / 2022*

Certificate No: *WCT013*

Expires: *31 December 2026*

Schedule 1: Specification

Green Loo Enviro-Loo Models D2010 and C2020 Waterless Composting Toilets

General Description

The Green Loo Enviro-Loo Models D2010 and C2020 Waterless Composting Toilets are accredited for use in single domestic premises with a maximum capacity for 10 persons (10Ep). The Enviro-Loo are assembled by Green Loo Pty Ltd at its factory in Reedy Creek, QLD, after manufacture and importation from South Africa. The composting toilets consist of a pedestal with seat and lid, a composting chamber containing a drying plate and liquid storage compartment, a ventilation system including a wind driven extraction fan, and an overflow drainage tube. The assembled toilets include a starter pack. An electrically operated fan is optional.

It is designed to receive and treat human waste. The starter pack 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 in a drying box within the composting chamber to produce an innocuous relatively dry waste that is capable of being disposed of within the premises without nuisance or risk to health.

The Green Loo Enviro-Loo is moulded from high density polyethylene. The main chamber is internally divided horizontally into two compartments, with the small bottom compartment used to collect excess moisture which is also fitted with an overflow drain to a constructed absorption trench. After initial composting in the main chamber the compost is re-located to the drying box until fully composted.

Schedule 2: Conditions of Accreditation

1. General

- 1.1 Prior to installation the owner/occupier of the premises shall make an application to the Local Council to install a Green Loo Enviro-Loo Models D2010 and C2020 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 Enviro-Loo Models D2010 and C2020 WCT: and
 - 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: and
 - 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 product to be removed: and
 - 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 Enviro-Loo Models D2010 and C2020 WCT is restricted to the number of persons occupying the domestic premises, being not greater than 10, and where in the opinion of the Local Council the nominated model of the Green Loo Enviro-Loo Models D2010 and C2020 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 Enviro-Loo Models D2010 and C2020 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

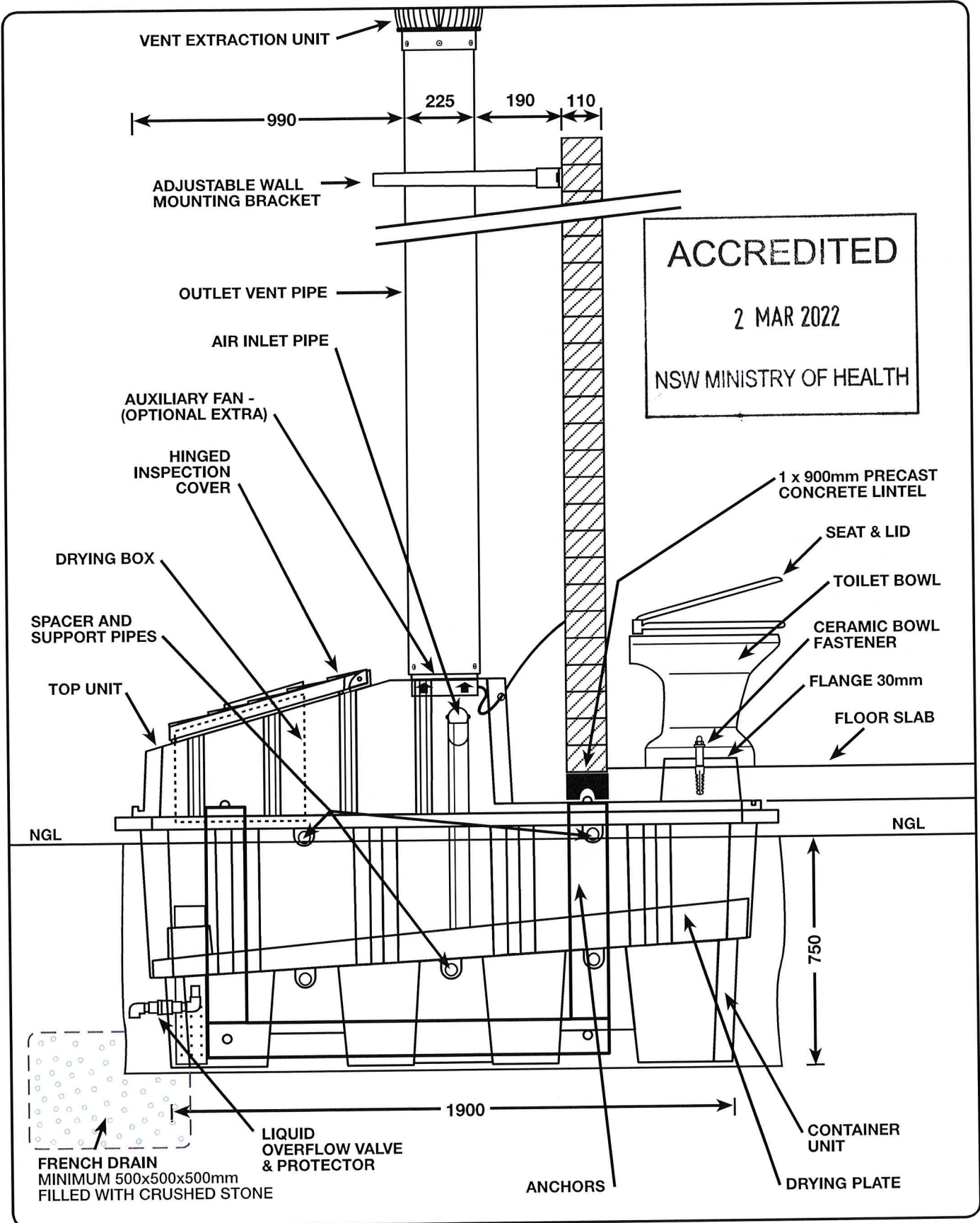
- 3.1 The Enviro-Loo models D2010 and C2020 shall be maintained in accordance with the Operation Manual.
- 3.2 Unless otherwise directed by either the Local Council, the composted end product after at least 3 months maturation is to be disposed of by burial within the confines of the premises in soil 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 at least 100 mm.



Enviro Loo

MODEL: C2020 STANDARD

ENGINEERING PLANS: SIDE VIEW





Enviro Loo

MODEL: D2010 STANDARD

ENGINEERING PLANS: SIDE VIEW

