Department of Housing and Public Works
Amendment to
Chief Executive Approval
Approval No: 07/2014
Date of Issue: 18/6/14
Delegate Signature:
Building Codes Queensland

Queensland Government

CHIEF EXECUTIVE APPROVAL 07/2014

Plumbing and Drainage Act 2002, part 5.

Approval

1. The **Super-Treat Model IT-AST Advanced Secondary Quality Wastewater Treatment System** ("the system") described in the Specifications and Drawings in the attached Schedule and manufactured by **Toowoomba Tanks & Super-Treat Systems (Qld) Pty Ltd** (ABN 69 011 027 366) ("the manufacturer") has been assessed in accordance with the Queensland Plumbing and Wastewater Code (QPW Code) dated 15 January 2013.

2. Approval is granted for the advanced secondary quality wastewater treatment system, subject to compliance by the manufacturer with the requirements of the *Plumbing and Drainage Act 2002*, part 5 and the conditions of approval detailed below.

3. This approval, the conditions of approval and the Schedule comprise the entire Chief Executive Approval document.

4. Any modification by the manufacturer to the design, drawings or specifications scheduled to this approval must be approved by the Chief Executive.

Conditions of approval

1. The manufacture, installation, operation, service and maintenance of the systems must be inconformity with the conditions of this Chief Executive Approval.

2. The advanced secondary quality wastewater treatment system, which is an example of the approved systems, may only be used on premises that generate per day

   (a) a maximum hydraulic loading of 2,000 litres; and

   (b) a maximum organic loading of 700 grams BOD_5.

3. The system must continue to meet the requirements of advanced secondary quality wastewater treatment system, producing the following effluent quality —

   (a) 90% of the samples taken must have a BOD_5 less than or equal to 10 g/m³ with no sample greater than 20 g/m³.

   (b) 90% of the samples taken must have total suspended solids less than or equal to 10g/m3 with no sample greater than 20g/m³.

   (c) 90% of the samples taken must have a thermotolerant coliform count not exceeding 10 organisms per 100 mL with no sample exceeding 200 organisms per 100mL.

   (d) The total chlorine concentration must be greater than or equal to 0.5 g/m³ and less than 2.0 g/m3 in four out of five samples taken.

4. Each system must be serviced in accordance with the details supplied in the owner's service and maintenance manuals.

5. Each system must be supplied with —

   (a) a copy of this Chief Executive Approval document;

   (b) details of the system;

   (c) instructions for authorised persons for its installation;

   (d) a copy of the owner's manual to be given to the owner at the time of installation; and

   (e) detailed instructions for authorised service personal for its operation and maintenance.

6. This approval does not extend, apply to, or include the land application system used in conjunction with an approved system installed on premises.

7. The Chief Executive may, by written notice, cancel this approval if the manufacturer fails —

   (a) to comply with one or more of the conditions of approval; or

   (b) within 30 days, to remedy a breach, for which a written notice been given by the Chief Executive.

8. This approval may only be assigned with the prior written consent of the Chief Executive.

9. This approval expires on 19 June 2019 unless cancelled earlier in accordance with paragraph 7 above.

SCHEDULE

Attachment 1: Specifications & Drawings

Department of Housing and Public Works
Amendment to
Chief Executive Approval
Approval No: 07/2014
Date of Issue: 18/4/14
Delegate Signature:
Building Codes Queensland

Lindsay Walker

A/Executive Director
Building Codes Queensland

Date approved: 18 June 2014

Level 16,
41 George Street Brisbane

GPO Box 2457, Brisbane Qld 4001

Telephone +61 7 3225 8978
Facsimile +61 7 3237 1248
Website www.hpw.qld.gov.au

ABN 61 331 950 314

CHIEF EXECUTIVE APPROVAL No. 07/2014
Plumbing and Drainage Act 2002, part 5, division 1, section 93

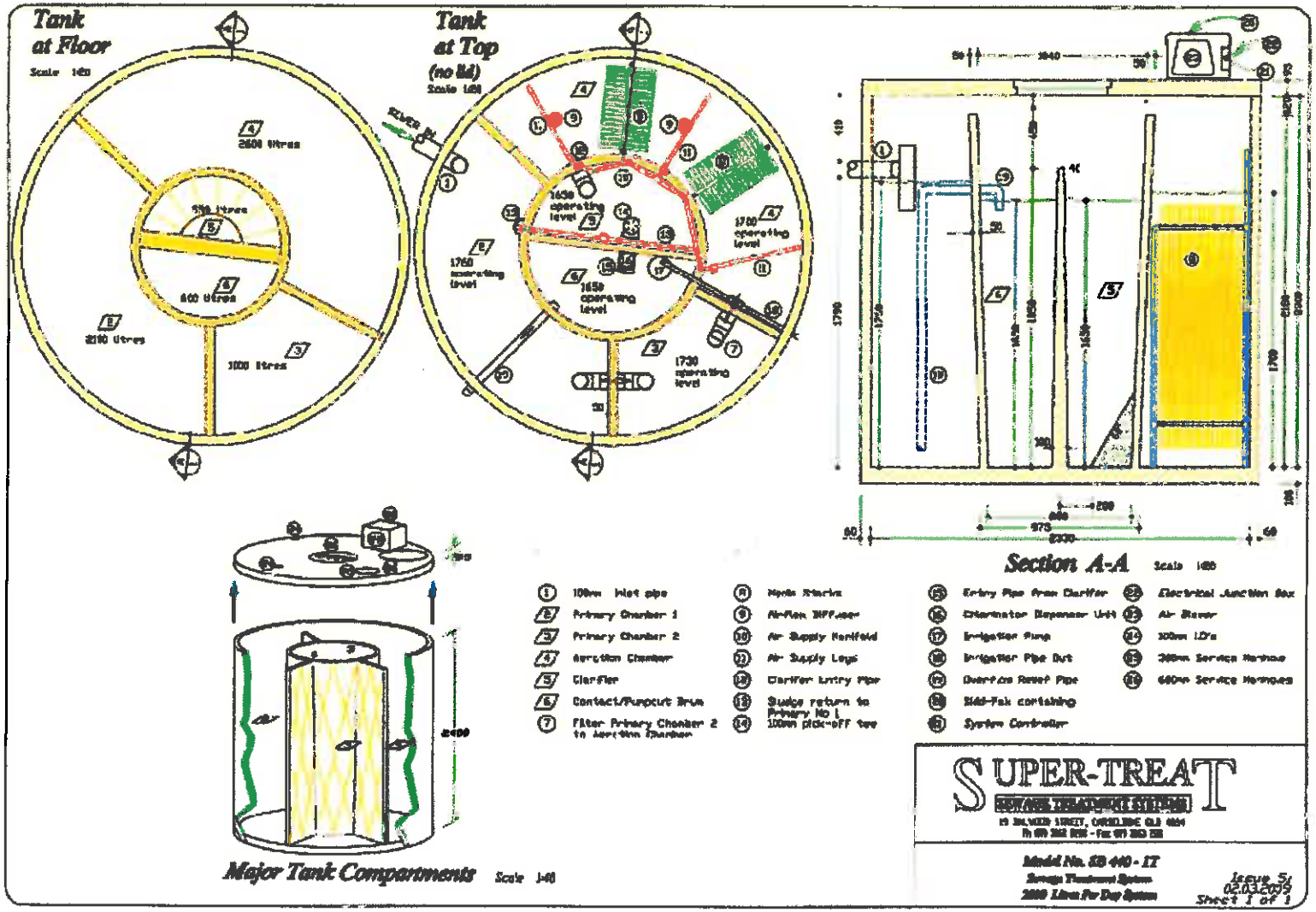
SCHEDULE

Attachment 1

Specifications & Drawings for the

Super-Treat Model IT-AST Advanced Secondary Quality Wastewater Treatment System

Department of Housing and Public Works
Amendment to
Chief Executive Approval
Approval No: 07/2014
Date of Issue: 18/6/14
Delegate Signature:
Building Codes Queensland



Department of Housing and Public Works
Amendment to
Chief Executive Approval
Approval No: 07/2014
Date of Issue: 18/6/14
Delegate Signature:
Building Codes Queensland