

TREATMENT PLANT APPROVAL 10/2022

Plumbing and Drainage Act 2018

Approval

1. The **UBI Aqua 6000 (8EP/1200L)** ("the system") described in the Specifications and Drawings in the attached Schedule and manufactured by **Global Rotomoulding Pty Ltd** ("the manufacturer") (ABN 79 084 711 535) ("the manufacturer") has been assessed in accordance with the Queensland Plumbing and Wastewater Code (QPW Code) dated 26 March 2019.
2. Approval is granted for the secondary quality wastewater treatment system, subject to compliance by the manufacturer with the requirements of the Plumbing and Drainage Regulation 2018, and the conditions of approval detailed below.
3. This approval, the conditions of approval and the Schedule comprise the entire Treatment Plant 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

5. The manufacture, installation, operation, service and maintenance of the systems must be in conformity with the conditions of this Treatment Plant Approval.
6. The system when tested by a certification accreditation body in accordance with AS1546.3:2017 was found to comply with the secondary 8EP/1200L level effluent criteria and must continue to meet the following requirements:

TABLE 2.1 (AS1546.3:2017)
EFFLUENT COMPLIANCE CRITERIA
FOR AN STS WITH NO NUTRIENT
REDUCTION FACILITIES

Parameter	Secondary effluent	
	90% of samples	Maximum
BOD ₅	≤20 mg/L	30 mg/L
TSS	≤30 mg/L	45 mg/L
<i>E. coli</i> *	≤10 cfu/100 mL	30 cfu/100 mL
FAC	Minimum 0.5 mg/L†	N/A
Turbidity	N/A	N/A

* Where disinfection is required.

† Minimum level, not 90% of samples.

7. Each system must be serviced quarterly and in accordance with the details supplied in the owner's operation and maintenance manual.
8. Each system must be supplied with —
 - (a) a copy of this Treatment Plant 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.
9. At each anniversary of the Treatment Plant Approval date, the supplier must submit to the Chief Executive a list of all systems installed in Queensland during the previous 12 months. Where the Chief Executive is notified of any system failures the Chief Executive may randomly select a number of installed systems for audit. The Chief Executive will notify the supplier's nominated NATA accredited laboratory which systems are to be audited for BOD⁵ and TSS. The sampling and testing of the selected systems, if required, is to be done at the supplier's expense. The following results must be reported to the Chief Executive;
 - (a) Address of premises;
 - (b) Date inspected and sampled;
 - (c) Sample identification number;
 - (d) BOD⁵ for influent and effluent; and
 - (e) TSS for influent and effluent.
10. The Chief Executive may, by written notice, cancel this approval if the manufacturer/supplier 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.
11. This approval may only be assigned with the prior written consent of the Chief Executive.
12. This approval expires on 28 November 2027 unless cancelled earlier in accordance with paragraph 10 above.

Lindsay Walker

Director
Plumbing, Drainage and Special Projects
Building Legislation and Policy
Date approved: 29 November 2022

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Website www.hpw.qld.gov.au

ABN 61 331 950 314

TREATMENT PLANT APPROVAL No. 10/2022
Plumbing and Drainage Act 2018

SCHEDULE

Attachment 1

Drawings and Specifications for the

UBI Aqua 6000 (8EP/1200L)

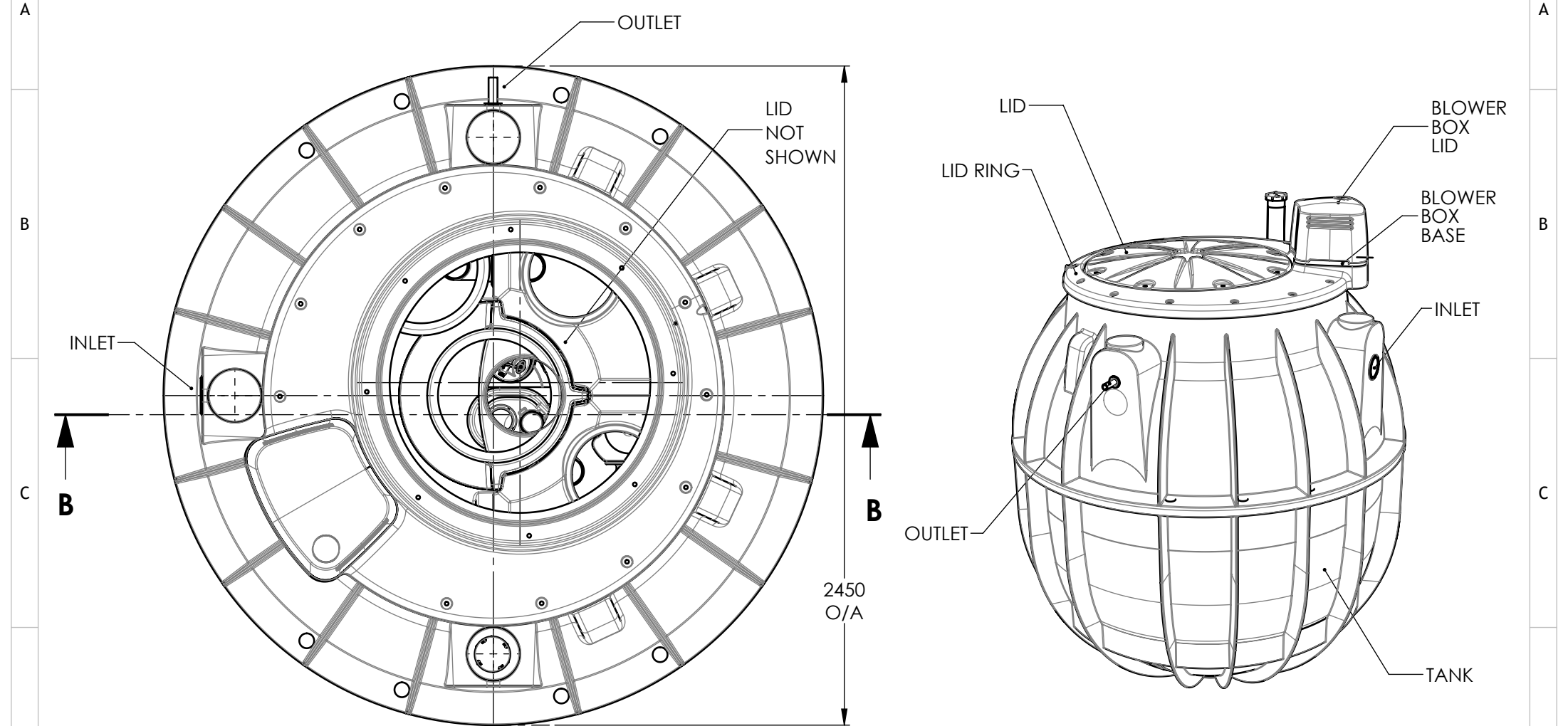
Treatment Plant Approval

Approved by: Lindsay Walker

Delegated Authority

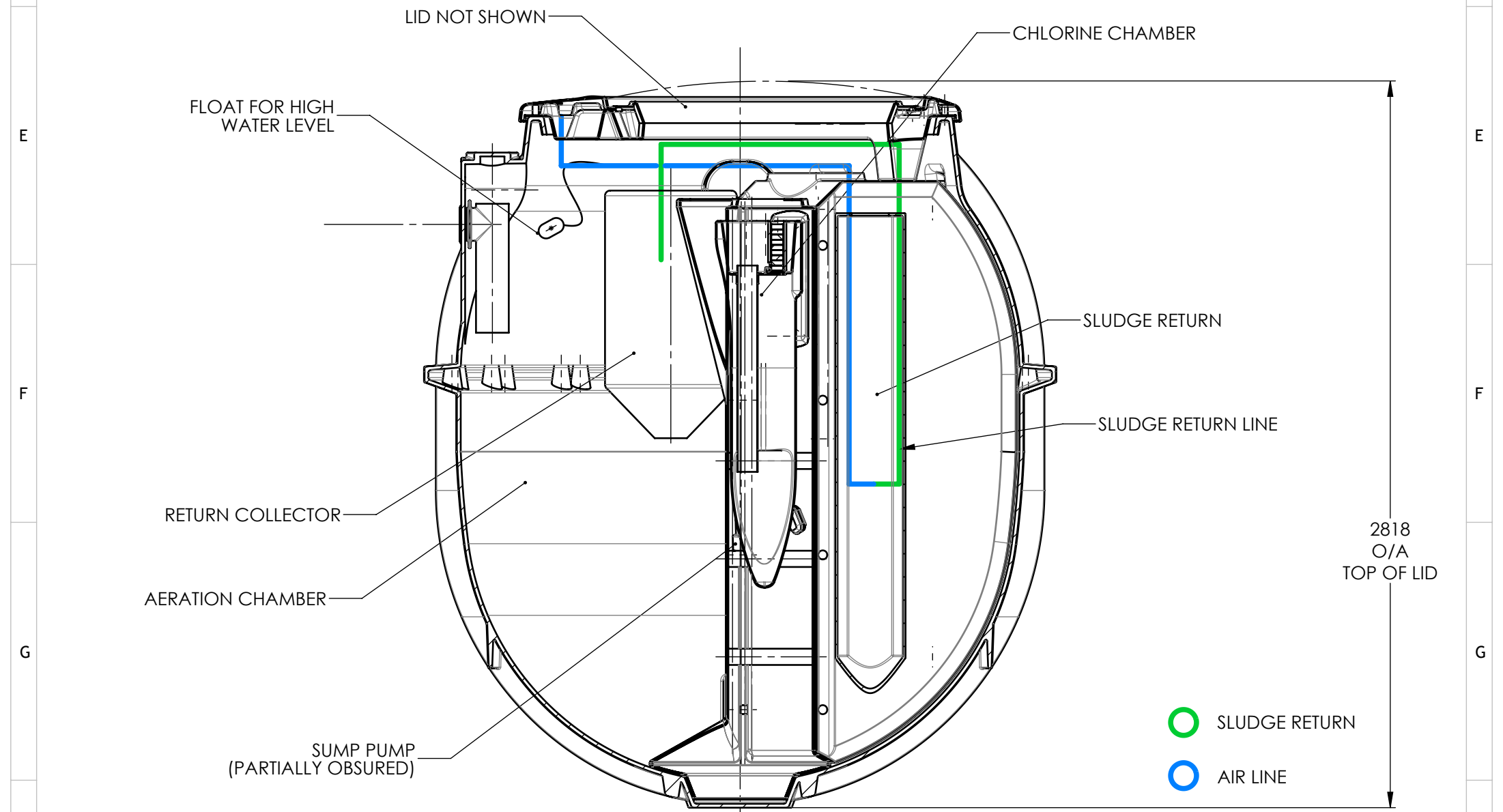
Department of Energy & Public Works

GLOBAL ROTOMOULDED - 6000lt TREATMENT SYSTEM - PRODUCTION DRAWING



PLAN VIEW
SEE SHEET 2 OF 2 FOR CHAMBER DETAILS


PICTORIAL VIEW



SECTION B-B

Treatment Plant Approval
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Delegated Authority
Department of Energy & Public Works

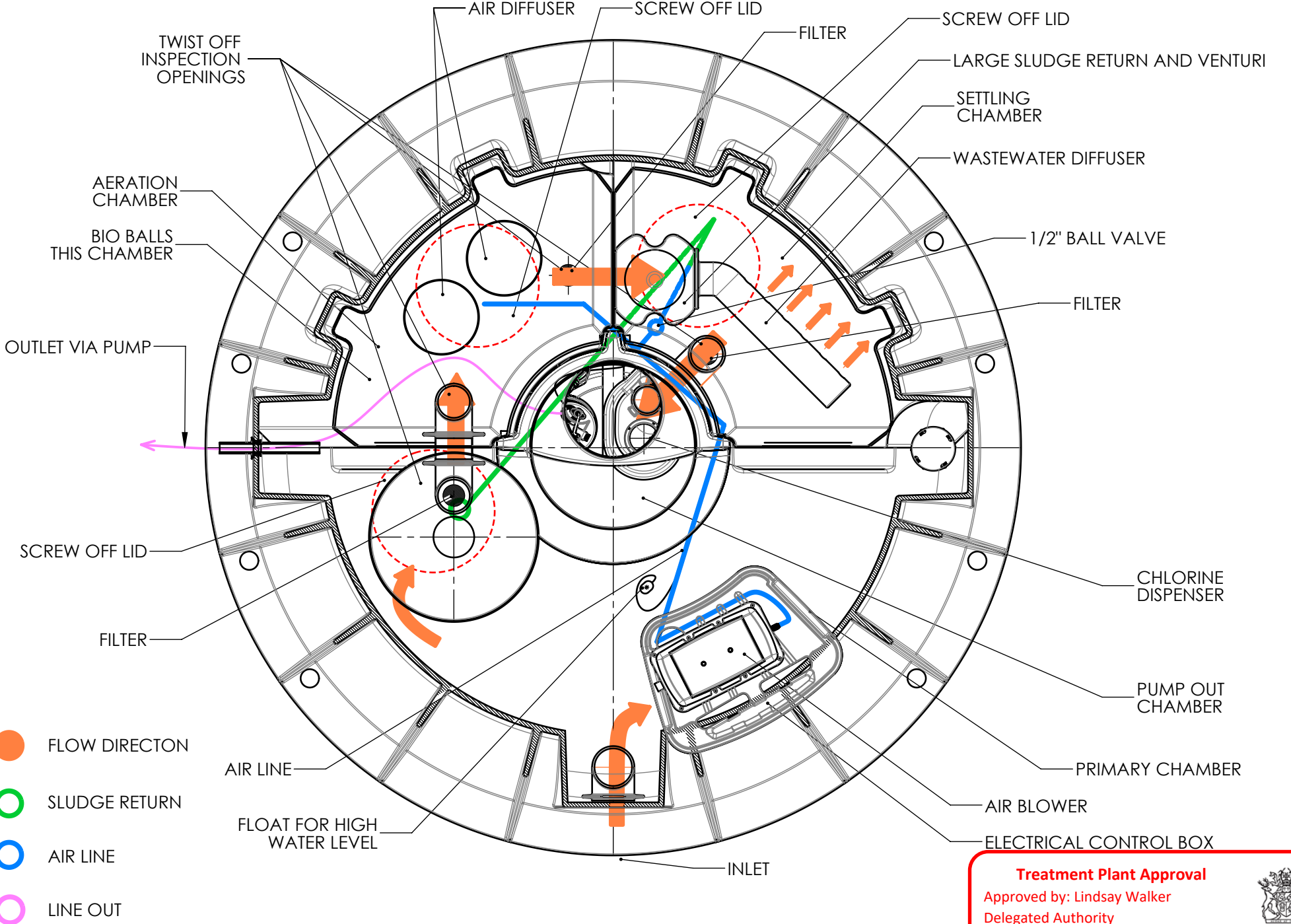
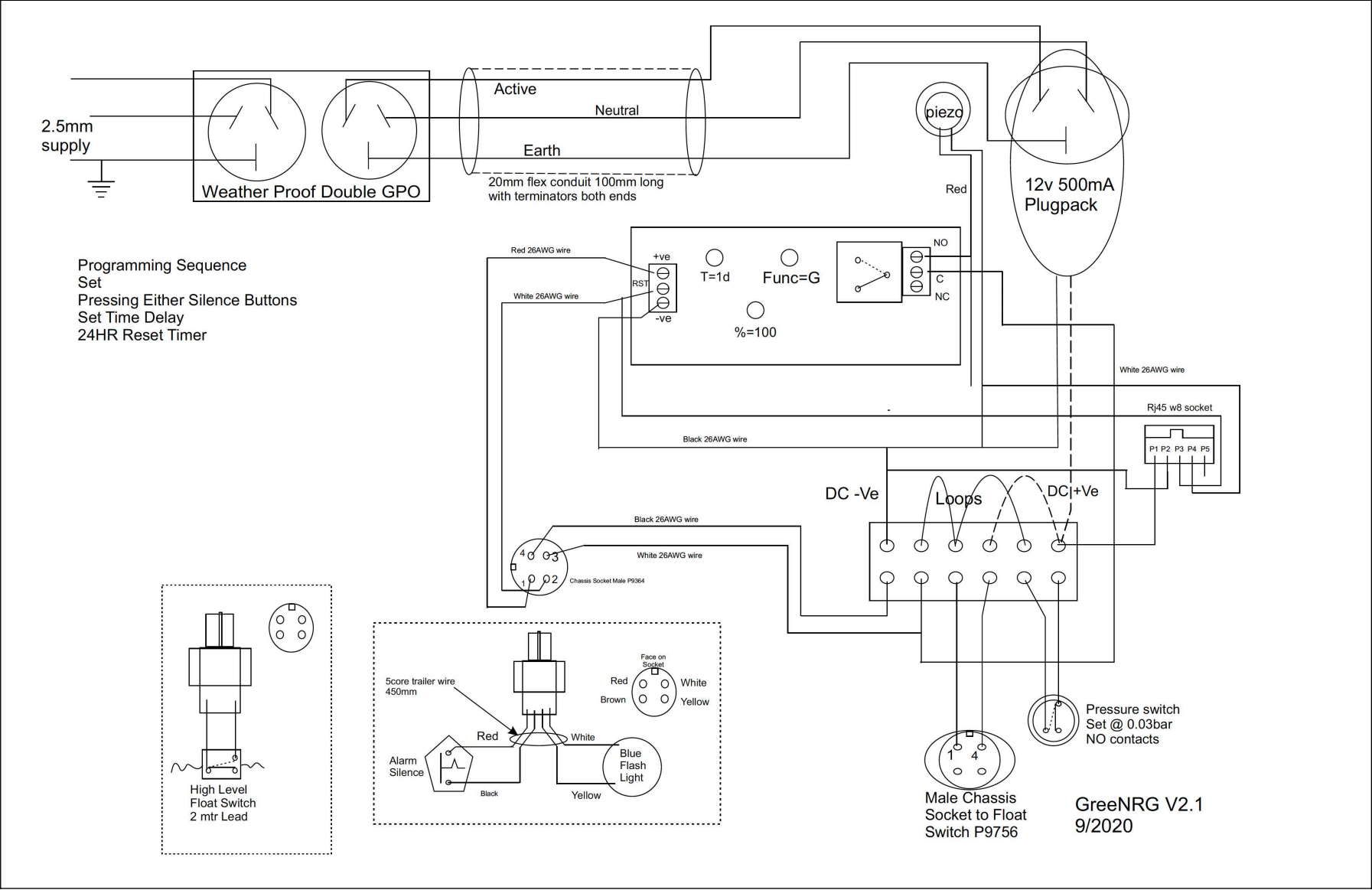
ALL INFORMATION SUPPLIED BY GLOBAL ROTOMOULDED

REFER TO CAD IF SPEC'D				PRODUCT SIZES		SIGNED: DATE:	
C				CUSTOMER: GLOBAL			SURFACE FINISH:
B				DESCRIPTION: UBI AQUA 6000 WATER TREATMENT SYSTEM			MATERIAL:
A	RELEASED FOR PRODUCTION	02.06.22	AMCD	FILE NAME: 12-568 6000lt Septic Tank Services			WEIGHT:
REV	DESCRIPTION	DATE	DRN	DRAWN: LC			WALL THICKNESS:
NOTE: ALL TOLERANCES ±1% UNLESS NOTED OTHERWISE				DATE: 15.01.2016		12-568	A3
This drawing is the property of Trymak Pty Ltd. It cannot be copied in part or full without the written permission of Trymak Pty Ltd. Fact 15, 2 Garden Blvd, Dingley, VIC, 3172 Ph: (03) 9558 3455 Fx: (03) 9558 3466 www.trymak.com.au				SCALE: 1:20		568 6000 SRVS	
				SHEET 1 OF 2			

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
GLOBAL ROTOMOULDED - 6000lt TREATMENT SYSTEM - PRODUCTION DRAWING

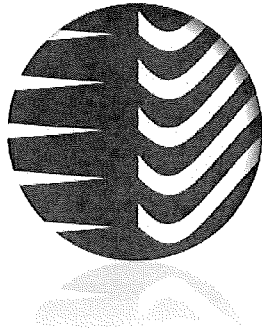
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Treatment Plant Approval
Approved by: Lindsay Walker
Delegated Authority
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					12-568	A3
					568 6000 SRVS	



STANDARDSMARK LICENCE

SAI Global hereby grants:

Global Roto-Moulding Pty Ltd

ABN 79 084 711 535

14 Nans Road, Helidon Spa, QLD 4344, Australia

StandardsMark Licence

Manufactured to:

AS 1546.3:2017 - On-site domestic wastewater treatment units - Secondary treatment systems

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Certificate No:SMK40298

Issued: 13 August 2022

Expires: 10 May 2027

Originally Certified: 11 May 2017

Current Certification: 3 August 2022

Calin Moldovean
President, Business Assurance
SAI Global Assurance



JAS-ANZ



WWW.JAS-ANZ.ORG/REGISTER

Treatment Plant Approval

Approved by: Lindsay Walker

Delegated Authority

Department of Energy & Public Works



*** For details of manufacture, refer to the licensee**

The STANDARDSMARK is a registered certification trademark of SAI Global Pty Limited (A.C.N. 050 644 642) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 650 Lorimer Street, Port Melbourne VIC 3207, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com, for the list of product models.

 **SAI GLOBAL**
INFORM. INSPIRE. IMPROVE.

SCHEDULE TO STANDARDSMARK LICENCE

SAI Global hereby grants:

Global Roto-Moulding Pty Ltd

14 Nans Road, Helidon Spa, QLD 4344, Australia

StandardsMark Licence

Manufactured to:

AS 1546.3:2017 - On-site domestic wastewater treatment units - Secondary treatment systems

Model Identification of the goods on which the STANDARDSMARK may be used:

Brand Name & Model ID	Treatment Capacity (Litre / Day)	Treatment Type	Compliance Type	Date Endorsed
Ubi-Aqua 6000	1200 L/day	Aerated Wastewater Treatment System	Secondary	1 Aug 2022

End of Record

Treatment Plant Approval

Approved by: Lindsay Walker
Delegated Authority
Department of Energy & Public Works



Certificate No: SMK40298

Issued Date: 13 August 2022

This schedule supersedes all previously issued schedules

* For details of manufacture, refer to the licensee

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