

Prescribed Waste Infrastructure Standards – Dated 17 April 2019

Prescribed Waste Infrastructure
Standards (No 3) 2019



Contents Made under the Maroochydore
City Centre Infrastructure Agreement
2017, Special Condition 7.7(a)(ii)
(Prescribed Waste Infrastructure
Standards)

This document has effect on and from
the 17TH day of APRIL 2019 being
the date stated in Special Condition
7.7(b)(ii) (Prescribed Waste Infrastructure
Standards) of the Maroochydore City
Centre Infrastructure Agreement

*This document upon taking effect is to be provided to the
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Centre Infrastructure Agreement 2017*

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1 Introduction

1.1 Short title

This document may be referred to as the Prescribed Waste Infrastructure Standards (No 3) 2019.

1.2 Commencement

This document has effect on and from the 17th day of APRIL 2019.

1.3 Relationship to the Infrastructure Agreement

This document is the document stated in Special Condition 7.7(a)(ii) of the Infrastructure Agreement.

1.4 Purpose

- (a) The purpose of this document is to state the following:
- (i) the obligations for the Prescribed Proponent and the Waste Infrastructure Authority for the Prescribed Waste Infrastructure Consent and Prescribed Waste Infrastructure Satisfaction Notice under Special Condition 7.8 of the Infrastructure Agreement;
 - (ii) the standards for the establishment, alteration and replacement of the Prescribed Waste Infrastructure;
 - (iii) the standards for the operation, maintenance and repair of the Prescribed Waste Infrastructure;
 - (iv) any other matter the Waste Infrastructure Authority considers appropriate for the Prescribed Waste Infrastructure.
- (b) The Conceptual Flow Charts have been included in this document to assist with an understanding of the operation of this document.

1.5 Interpretation

1.5.1 Definitions

In this document, unless the context or subject matter otherwise indicates or requires, a word which is capitalised has the following meaning:

Approved Contractor means the following:

- (a) for the Public Pneumatic Waste Infrastructure, a person who is procured by the Waste Infrastructure Authority in relation to the installation and commissioning of the Public Pneumatic Waste Infrastructure;
- (b) for the Private Pneumatic Waste Infrastructure, a person identified as an Approved Contractor in a Notice given by the Waste Infrastructure Authority to a Prescribed Proponent; and

- (c) a person who has the following qualifications and endorsements:
- (i) AS/NZS ISO 9001:2016 (Quality management systems – Requirements) certification;
 - (ii) demonstrated experience in works of a similar nature; and
 - (iii) achieved competency in a relevant training course provided by Envac.

Amenity and Character Criteria means the criteria stated in the Development Scheme, a Precinct Plan, or a PDA development approval for the amenity and character of the locality in which the Serviced Premises is situated.

AWCS has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines AWCS to mean the automated waste collection system for the AWCS Waste.

AWCS Collection Point means a location where an inlet for the disposal of AWCS Waste into the AWCS is located.

AWCS Waste means the following waste which is to be collected by the AWCS:

- (a) General Waste;
- (b) Recyclable Waste.

AWCS Waste Fraction means the fractions of AWCS Waste stated in **Schedule 1**.

Bulk Cardboard Waste means the waste stated in **Schedule 2**.

Bulk Glass Waste means the waste stated in **Schedule 2**.

Bulky Waste means the waste stated in **Schedule 2**.

Business Day has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Business Day to have the meaning in the Acts Interpretation Act 1954 (Qld).

Clinical or Related Waste means the waste stated in **Schedule 2**.

Commencement Date has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Commencement Date to mean the date on which the Infrastructure Agreement is made as stated in clause 1.3 of the Infrastructure Agreement.

Commissioning Report means the report stated in section SC9.3.

Conceptual Flow Charts means the flow charts in **Schedule 16** which are included in this document to assist with an understanding of the operation of this document but are not legally binding and do not affect the construction of this document.

Connection Point means the location at which the Private Pneumatic Waste Infrastructure is to connect to the Public Pneumatic Waste Infrastructure.

Construction and Demolition Waste means the waste stated in **Schedule 2**.

Developable Lot has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Developable Lot to mean a Lot forming part or whole of a Development Land Lot which is a Serviced Lot that is intended to be the subject of the Proposed Development to create a Developed Lot.

Developed Lot has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Developed Lot to mean a Lot forming part or whole of a Developable Lot which has been the subject of the Proposed Development that is identified as the ultimate use of the Lot in the Approval for the applicable Developable Lot of which the Developed Lot formed part.

Development Land has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Development Land to mean the land stated in schedule 1 of the Infrastructure Agreement.

Development Proponent has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Development Proponent to mean for a Developable Lot, the Developable Lot Owner and the person which is carrying out the Proposed Development of a Developable Lot to create a Developed Lot.

Development Scheme has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Development Scheme to mean the Maroochydore City Centre Priority Development Area Development Scheme and any change to the instrument under the EDQ Act.

General Waste means the waste stated in **Schedule 1**.

Infrastructure Agreement means the *Maroochydore City Centre Infrastructure Agreement 2017* as varied, replaced or novated.

Infrastructure Authority has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Infrastructure Authority to mean the Authority for the relevant infrastructure network stated in the Infrastructure Contributions Schedule for whose benefit an Infrastructure Contribution is being provided.

Infrastructure Contributions Schedule has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Infrastructure Contributions Schedule to mean the schedule of Infrastructure Contributions, if any, in schedule 3 of the Infrastructure Agreement.

Non AWCS Waste means the following waste which is not AWCS Waste:

- (a) Bulk Cardboard Waste;
- (b) Bulk Glass Waste;
- (c) Bulky Waste;
- (d) Clinical or Related Waste;
- (e) Construction and Demolition Waste;
- (f) Organic Waste

(g) Regulated Waste.

Non AWCS Waste Fraction means the fractions of Non AWCS Waste stated in **Schedule 2**.

Non AWCS Waste Receptacle means a container used for the storage of Non AWCS Waste.

Non AWCS Waste Service Point means the location in a Serviced Premises from which the Non AWCS Waste is to be collected for transfer to a disposal or recycling facility.

Notice has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Notice to mean a document to be given by a party or a person under the Infrastructure Agreement.

Organic Waste means the waste stated in **Schedule 2**.

Precinct Plan has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Precinct Plan to mean a plan for a precinct which is to comply with the following:

- (a) the Applicable Planning Instrument relating to the Precinct;
- (b) such other matters stated in a Notice given by the Council to the Development Land Lot Owner.

Prescribed Lot Dealing Document has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Prescribed Lot Dealing Document to mean a document or deed stated in clause 10.2(b) of the Infrastructure Agreement.

Prescribed Proponent has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Prescribed Proponent to mean the following:

- (a) for a Developable Lot, the Development Proponent;
- (b) for a Developed Lot, the Developed Lot Owner.

Prescribed Waste Infrastructure has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Prescribed Waste Infrastructure to mean Private Pneumatic Waste Infrastructure and Private Non Pneumatic Waste Infrastructure.

Prescribed Waste Infrastructure Consent has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Prescribed Waste Infrastructure Consent to mean a consent for a Work Contribution for the provision of work, facilities or services for the establishment, alteration and replacement of the Prescribed Waste Infrastructure.

Prescribed Waste Infrastructure Satisfaction Notice has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Prescribed Waste Infrastructure Satisfaction Notice to mean a Notice given by the Waste Infrastructure Authority to the Prescribed Proponent which states the Waste Infrastructure Authority's satisfaction in respect of the following:

- (a) for the construction and installation of the Private Pneumatic Waste Infrastructure, that the Private Pneumatic Waste Infrastructure is constructed and installed in accordance with the Prescribed Waste Infrastructure Consent and the Prescribed Waste Infrastructure Standards;
- (b) for the commissioning of the Private Pneumatic Waste Infrastructure, that the Private Pneumatic Waste Infrastructure is commissioned in accordance with the Prescribed Waste Infrastructure Consent and the Prescribed Waste Infrastructure Standards.

Private Non Pneumatic Waste Infrastructure has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Private Non Pneumatic Waste Infrastructure to mean the infrastructure for the waste collection system for Non AWCS Waste.

Private Pneumatic Waste Infrastructure has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Private Pneumatic Waste Infrastructure to mean the infrastructure for the AWCS for connecting a Serviced Premises to the Public Pneumatic Waste Infrastructure which includes the following by way of example:

- (a) an inlet comprising a valved chute into which AWCS Waste is deposited;
- (b) a waste connection pipe that connects an inlet to the Public Pneumatic Waste Infrastructure, thereby providing for the AWCS Waste from the inlet to be transferred to the Public Pneumatic Waste Infrastructure;
- (c) an ancillary structure, plant and equipment to enable the operation of the AWCS in the Serviced Premises.

Public Place has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Public Place to mean land that is not comprised in a Serviced Premises.

Public Pneumatic Waste Infrastructure has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Public Pneumatic Waste Infrastructure to mean the infrastructure for the AWCS:

- (a) in a Serviced Premises which is not Private Pneumatic Waste Infrastructure, that includes the following by way of example:
 - (i) a waste connection pipe that connects to a waste collection pipe in a Public Place;
 - (ii) a hardware asset that connects the waste connection pipe in subparagraph (i) to a waste connection pipe that is Private Pneumatic Waste Infrastructure;
 - (iii) an ancillary structure, plant and equipment to enable the integration of the AWCS in the Serviced Premises and the Public Place; and
- (b) in a Public Place, which includes the following by way of example:
 - (i) an inlet comprising a valved chute or bin into which AWCS Waste is deposited;
 - (ii) a waste connection pipe that connects to an inlet and collects the AWCS Waste from the inlet;
 - (iii) a waste collection pipe that connects a waste connection pipe to the waste collection station and enables the AWCS Waste to be transferred to the waste collection station;
 - (iv) the waste collection station comprising land, buildings, structures and plant and equipment for the collection of the AWCS Waste;

- (v) an ancillary structure, plant and equipment to enable the operation of the AWCS.

Quality Assurance Construction Report means the report stated in section SC8.4.

Recyclable Waste means the waste stated in **Schedule 1**.

Regulated Waste means the waste stated in **Schedule 2**.

Serviced Premises has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Serviced Premises to mean the following:

- (a) a Developed Lot;
- (b) for a Developed Lot which is a lot under the Body Corporate and Community Management Act 1997, the common property of the lot.

Under Sink Macerator means an appliance for the maceration and disposal of Organic Waste which is installed under the sink between the sink's drain and the trap.

Example – The appliance branded as an InSinkErator.

Waste Infrastructure has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Waste Infrastructure to mean the infrastructure for the AWCS and the collection of Non AWCS Waste for premises in the Development Land.

Waste Infrastructure Authority has the meaning in the Infrastructure Agreement.

Editor's note – Special Condition 7.2 of the Infrastructure Agreement defines Waste Infrastructure Authority to mean the Council which is the applicable Infrastructure Authority for Waste Infrastructure.

Editor's note – Under clause 2.3(e)(iv) of the Infrastructure Agreement a reference to the Council includes a reference to a contractor or subcontractor of the Council.

Waste Storage Area means the location in a Serviced Premises where a Non AWCS Waste Receptacle is stored.

Work Contribution has the meaning in the Infrastructure Agreement.

Editor's note – Clause 2.1 of the Infrastructure Agreement defines Work Contribution to mean the provision of work, facilities or services for infrastructure.

1.5.2 Construction

- (a) In this document a word which is capitalised that is not defined in section 1.5.1 has the meaning in the Infrastructure Agreement which is relevant to the context or subject matter in which the word is used.
- (b) If a word is not defined in this document, the word is to have a meaning given to it by the undefined word clause in the Infrastructure Agreement which is relevant to the context or subject matter in which the word is used.
- (c) A reference to a word in this document is to be interpreted in accordance with the references clause in the Infrastructure Agreement which is relevant to the context or subject matter in which the word is used.

- (d) An editor's note is extrinsic material to this document which has been included to assist with its interpretation and relationship to the Infrastructure Agreement.

1.6 Relationship to other documents

1.6.1 Relationship to a Prescribed Lot Dealing Document

- (a) The standards for the establishment of the Prescribed Waste Infrastructure are those stated in this document.
- (b) However to the extent that a Prescribed Lot Dealing Document states a standard for the establishment of the Prescribed Waste Infrastructure, the standards for the establishment of the Prescribed Waste Infrastructure stated in this document are taken to be varied by the standard stated in the Prescribed Lot Dealing Document.

1.6.2 Relationship to a Prescribed Waste Infrastructure Consent

- (a) This document is not intended to limit the nature or type of condition which a Waste Infrastructure Authority may lawfully impose in a Prescribed Waste Infrastructure Consent for a Serviced Premises.
- (b) If this document is inconsistent with a Prescribed Waste Infrastructure Consent, the Prescribed Waste Infrastructure Consent prevails to the extent of the inconsistency.

1.7 Compliance by a Prescribed Proponent

The Prescribed Proponent must comply with the following:

- (a) the Prescribed Waste Infrastructure Consent including any condition of the Prescribed Waste Infrastructure Consent;
- (b) a Prescribed Waste Infrastructure Satisfaction Notice including any requirement of the Prescribed Waste Infrastructure Satisfaction Notice;
- (c) a standard stated in this document or otherwise varied under section 1.6.1(b).
- (d) a relevant law.

2 Prescribed Waste Infrastructure Consent and Prescribed Waste Infrastructure Satisfaction Notice

2.1 Preliminary

Section 2 states the obligations for the Prescribed Proponent and Waste Infrastructure Authority for the following under Special Condition 7.8 of the Infrastructure Agreement:

- (a) the Prescribed Waste Infrastructure Consent;
- (b) the Prescribed Waste Infrastructure Satisfaction Notice;
- (c) any other matter the Waste Infrastructure Authority considers appropriate for the Prescribed Waste Infrastructure.

2.2 Requirement for a Prescribed Waste Infrastructure Consent

A Prescribed Proponent is to obtain a Prescribed Waste Infrastructure Consent for the following:

- (a) the establishment of the Prescribed Waste Infrastructure;
- (b) the alteration and replacement of the Prescribed Waste Infrastructure;
- (c) the operation, maintenance and repair of the Private Waste Infrastructure, where the operation, maintenance and repair of the Private Waste Infrastructure is not in accordance with a relevant Prescribed Waste Infrastructure Consent;

Note – A relevant Prescribed Waste Infrastructure Consent may include one of the following:

- (a) *a Prescribed Waste Infrastructure Consent for the establishment of the Prescribed Waste Infrastructure;*
- (b) *a Prescribed Waste Infrastructure Consent for the alteration and replacement of the Prescribed Waste Infrastructure;*
- (c) *a Prescribed Waste Infrastructure Consent for the operation, maintenance and repair of the Prescribed Waste Infrastructure in a manner which is not in accordance with a Prescribed Waste Infrastructure Consent stated in paragraphs (a) and (b).*
- (d) any change required by the Prescribed Proponent to a relevant Prescribed Waste Infrastructure Consent.

2.3 Request for a Prescribed Waste Infrastructure Consent

A Prescribed Proponent is to give to the Waste Infrastructure Authority a Notice requesting a Prescribed Waste Infrastructure Consent.

2.4 Notice about the receipt of a request for a Prescribed Waste Infrastructure Consent

The Waste Infrastructure Authority is to, within 10 Business Days of the receipt of a Notice under section 2.3, give to the Prescribed Proponent a Notice which states the following:

- (a) the cost of the Waste Infrastructure Authority to consider the request for a Prescribed Waste Infrastructure Consent or a Prescribed Waste Infrastructure Satisfaction Notice;

Note – A Notice given under paragraph (a) is taken to be a Notice given under clause 32.2(a)(ii) of the Infrastructure Agreement.

Editor's note – Under clause 2.3(dd) of the Infrastructure Agreement a reference to a cost, is a reference to a reasonable cost, charge or expense.

- (b) the preliminary design information for the Prescribed Waste Infrastructure, if any, to be provided by the Prescribed Proponent prior to the date stated in (c);
- (c) the date for the provision of the preliminary design information and a pre-design meeting if any.

2.5 Notice about the detailed design and specification documentation for the Prescribed Waste Infrastructure

The Waste Infrastructure Authority is to, within 10 Business Days of the last day of an event stated in section 2.4(c) or if no event is to occur under section 2.4(c) within 10 Business Days of the day the Notice is given under section 2.4, give to the Prescribed Proponent a Notice which states the following:

- (a) the minimum requirements for the detailed design and specification documentation for the Prescribed Waste Infrastructure that is to be provided by the Prescribed Proponent;
- (b) the requirements for a Notice from an Approved Contractor which comprises the certification of the detailed design and specification documentation for the Private Pneumatic Waste Infrastructure.

2.6 Prescribed Proponent to give the detailed design and specification documentation to the Waste Infrastructure Authority

The Prescribed Proponent is to give a Notice to the Waste Infrastructure Authority which includes the following:

- (a) the detailed design and specification documentation for the Prescribed Waste Infrastructure in accordance with the Notice given by the Waste Infrastructure Authority to the Prescribed Proponent under section 2.5 and this document;
- (b) the Notice from an Approved Contractor that comprises the certification of the detailed design and specification documentation for the Private Pneumatic Waste Infrastructure in accordance with the Notice given by the Waste Infrastructure Authority to the Prescribed Proponent under section 2.5.

2.7 Waste Infrastructure Authority to respond to the detailed design and specification documentation

The Waste Infrastructure Authority is to, within 15 Business Days after the receipt of the detailed design and specification documentation for the Prescribed Waste Infrastructure, give to the Prescribed Proponent the following:

- (a) if the detailed design and specification documentation is satisfactory to the Waste Infrastructure Authority, the Prescribed Waste Infrastructure Consent with or without conditions;
- (b) if the detailed design and specification documentation is not satisfactory to the Waste Infrastructure Authority, a Notice which states the further information or change to the detailed design and specification documentation as applicable, that is necessary to ensure the detailed design and specification documentation is satisfactory to the Waste Infrastructure Authority.

2.8 Prescribed Proponent to change the detailed design and specification documentation

The Prescribed Proponent is to change the detailed design and specification documentation for the Prescribed Waste Infrastructure to comply with the Notice given by the Waste Infrastructure Authority to the Prescribed Proponent under section 2.7(b) and give a further

Notice to the Waste Infrastructure Authority under section 2.6 once the detailed design and specification document has been changed.

2.9 Prescribed Proponent to provide the Prescribed Waste Infrastructure

The Prescribed Proponent is to provide at its cost the following:

- (a) the Private Pneumatic Waste Infrastructure in accordance with the Prescribed Waste Infrastructure Consent and this document;
- (b) the Private Non Pneumatic Waste Infrastructure in accordance with the Prescribed Waste Infrastructure Consent and this document.

2.10 Notice about construction and installation of the Private Pneumatic Waste Infrastructure

The Prescribed Proponent is to, when the Prescribed Proponent is of the opinion that the Private Pneumatic Waste Infrastructure has been constructed and installed in accordance with the Prescribed Waste Infrastructure Consent and this document, give a Notice to the Waste Infrastructure Authority which:

- (a) includes as-constructed drawings of the Private Pneumatic Waste Infrastructure that meet the Waste Infrastructure Authority's requirements for such drawings;
- (b) includes a Notice from an Approved Contractor that:
 - (i) states that the Private Pneumatic Waste Infrastructure is constructed and installed in accordance with the Prescribed Waste Infrastructure Consent and this document; and
 - (ii) includes a Quality Assurance Construction Report; and
- (c) requests that the Waste Infrastructure Authority inspect the Private Pneumatic Waste Infrastructure and determine to the satisfaction of the Waste Infrastructure Authority whether the Private Pneumatic Waste Infrastructure is constructed and installed in accordance with the Prescribed Waste Infrastructure Consent and this document.

2.11 Waste Infrastructure Authority to inspect the construction and installation of the Private Pneumatic Waste Infrastructure

The Waste Infrastructure Authority is to within 15 Business Days after the receipt of a Notice under section 2.10:

- (a) if considered necessary by the Waste Infrastructure Authority, inspect the construction and installation of the Private Pneumatic Waste Infrastructure;
- (b) determine to the satisfaction of the Waste Infrastructure Authority whether the Private Pneumatic Waste Infrastructure is constructed and installed in accordance with the Prescribed Waste Infrastructure Consent and this document; and
- (c) give to the Prescribed Proponent the following:
 - (i) if the Waste Infrastructure Authority is satisfied that the Private Pneumatic Waste Infrastructure is constructed and installed in accordance with the

Prescribed Waste Infrastructure Consent and this document, a Prescribed Waste Infrastructure Satisfaction Notice;

- (ii) if the Waste Infrastructure Authority is not satisfied that the Private Pneumatic Waste Infrastructure is constructed and installed in accordance with the Prescribed Waste Infrastructure Consent and this document, a Notice which states the error or omission that is to be corrected before the Waste Infrastructure Authority is satisfied that the Private Pneumatic Waste Infrastructure is constructed and installed in accordance with the Prescribed Waste Infrastructure Consent and this document.

2.12 Prescribed Proponent to correct the error or omission about the construction and installation of the Private Pneumatic Waste Infrastructure

The Prescribed Proponent is to, as soon as is reasonably practicable after the receipt of the Notice given by the Waste Infrastructure Authority to the Prescribed Proponent under section 2.11(c)(ii), correct the error or omission stated in the Notice and give a further Notice to the Waste Infrastructure Authority under section 2.10 once the error or omission is corrected.

2.13 Notice about the commissioning of the Private Pneumatic Waste Infrastructure

The Prescribed Proponent is to, as soon as is reasonably practicable after the receipt of the Prescribed Waste Infrastructure Satisfaction Notice given under section 2.11(c)(i), carry out the following in accordance with the Prescribed Waste Infrastructure Consent and this document:

- (a) commission the Private Pneumatic Waste Infrastructure; and
- (b) give to the Waste Infrastructure Authority a Notice which includes the following:
 - (i) a Notice from an Approved Contractor with direct responsibility for the commissioning of the Private Pneumatic Waste Infrastructure that in their opinion the Private Pneumatic Waste Infrastructure is successfully integrated with the Public Pneumatic Waste Infrastructure;
 - (ii) includes a Commissioning Report;
 - (iii) requests that the Waste Infrastructure Authority inspect the Private Pneumatic Waste Infrastructure and determine to the satisfaction of the Waste Infrastructure Authority whether the Private Pneumatic Waste Infrastructure is commissioned in accordance with the Prescribed Waste Infrastructure Consent and this document.

2.14 Waste Infrastructure Authority is to inspect the commissioning of the Private Pneumatic Waste Infrastructure

The Waste Infrastructure Authority is to within 10 Business Days after the receipt of a Notice under section 2.13:

- (a) if considered necessary by the Waste Infrastructure Authority, inspect the Private Pneumatic Waste Infrastructure;

- (b) determine to the satisfaction of the Waste Infrastructure Authority whether the Private Pneumatic Waste Infrastructure is commissioned in accordance with the Prescribed Waste Infrastructure Consent and this document; and
- (c) give to the Prescribed Proponent the following:
 - (i) if the Waste Infrastructure Authority is satisfied that the Private Pneumatic Waste Infrastructure is commissioned in accordance with the Prescribed Waste Infrastructure Consent and this document, a Prescribed Waste Infrastructure Satisfaction Notice;
 - (ii) if the Waste Infrastructure Authority is not satisfied that the Private Pneumatic Waste Infrastructure is commissioned in accordance with the Prescribed Waste Infrastructure Consent and this document, a Notice which states the error or omission that is to be corrected before the Waste Infrastructure Authority is satisfied that the Private Pneumatic Waste Infrastructure is commissioned in accordance with the Prescribed Waste Infrastructure Consent and this document.

2.15 Prescribed Proponent to correct the error or omission about the commissioning of the Private Pneumatic Waste Infrastructure

The Prescribed Proponent is to, as soon as is reasonably practicable after the receipt of the Notice given by the Waste Infrastructure Authority to the Prescribed Proponent under section 2.14(c)(ii), correct the error or omission stated in the Notice and give a further Notice to the Waste Infrastructure Authority under section 2.13 once the error or omission is corrected.

3 Standards for the establishment, alteration and replacement of the Prescribed Waste Infrastructure

3.1 Preliminary

Section 3 states the standards for the establishment, alteration and replacement of the Prescribed Waste Infrastructure under a Prescribed Waste Infrastructure Consent for the purposes of section 2.

3.2 Preliminary design information for the Prescribed Waste Infrastructure

For the purposes of section 2.4(b), the standards for the preliminary design information for:

- (a) the Private Pneumatic Waste Infrastructure are stated in Schedule 3; and
- (b) the Private Non Pneumatic Waste Infrastructure are stated in Schedule 4.

3.3 Detailed design and specification documentation for the Prescribed Waste Infrastructure

For the purposes of section 2.5(a), the standards for the detailed design and specification documentation for:

- (a) the Private Pneumatic Waste Infrastructure are stated in Schedule 5;
- (b) the Private Non Pneumatic Waste Infrastructure are stated in Schedule 6; and

- (c) the Prescribed Waste Infrastructure are stated in Schedule 1.

3.4 Construction and installation of the Private Pneumatic Waste Infrastructure

For the purposes of sections 2.10, 2.11 and 2.12, the standards for the construction and installation of the Private Pneumatic Waste Infrastructure are stated in Schedule 8.

3.5 Commissioning of the Private Pneumatic Waste Infrastructure

For the purposes of sections 2.13, 2.14 and 2.15, the standards for the commissioning of the Private Pneumatic Waste Infrastructure are stated in Schedule 9.

4 Standards for the operation, maintenance and repair of the Prescribed Waste Infrastructure

4.1 Preliminary

Section 4 states the standards for the operation, maintenance and repair of the Prescribed Waste Infrastructure under the Infrastructure Contributions Schedule of the Infrastructure Agreement.

Editor's note – See Items 6.9 and 6.10 of the Infrastructure Contributions Schedule of the Infrastructure Agreement.

4.2 Operation of the Prescribed Waste Infrastructure

- (a) For the purposes of item 6.9 of the Infrastructure Contributions Schedule of the Infrastructure Agreement, the standards for the operation of the Private Pneumatic Waste Infrastructure are stated in Schedule 10.
- (b) For the purposes of item 6.10 of the Infrastructure Contributions Schedule of the Infrastructure Agreement, the standards for the operation of the Private Non Pneumatic Waste Infrastructure are stated in Schedule 11.

4.3 Maintenance of the Prescribed Waste Infrastructure

- (a) For the purposes of item 6.9 of the Infrastructure Contributions Schedule of the Infrastructure Agreement, the standards for the maintenance of the Private Pneumatic Waste Infrastructure are stated in Schedule 12.
- (b) For the purposes of item 6.10 of the Infrastructure Contributions Schedule of the Infrastructure Agreement, the standards for the maintenance of the Private Non Pneumatic Waste Infrastructure are stated in Schedule 13.

4.4 Repair of the Prescribed Waste Infrastructure

- (a) For the purposes of item 6.9 of the Infrastructure Contributions Schedule of the Infrastructure Agreement, the standards for the repair of the Private Pneumatic Waste Infrastructure are stated in Schedule 14.
- (b) For the purposes of item 6.10 of the Infrastructure Contributions Schedule of the Infrastructure Agreement, the standards for the repair of the Private Non Pneumatic Waste Infrastructure are stated in Schedule 15.

Schedule 1 AWCS Waste

Table 1 AWCS Waste

Column 1 AWCS Waste Fraction	Column 2 Description of the waste comprising the AWCS Waste Fraction
1. General Waste	<p>Waste which is:</p> <p>(a) a putrescible or non-putrescible item or object, that includes any of the following by way of example:</p> <ul style="list-style-type: none"> (i) nappies and sanitary items; (ii) broken glass, pyrex and crockery; (iii) flexible plastic such as cling film, bags, packaging, chip packets and lolly wrappers; (iv) non-recyclable plastics and packaging such as styrofoam; and <p>(b) not any of the following:</p> <ul style="list-style-type: none"> (i) Non AWCS Waste; (ii) Recyclable Waste; (iii) waste which exceeds 300mm in any dimension: <ul style="list-style-type: none"> (A) prior to folding, compressing, crushing or the like; or (B) after dismantling to pieces.
2. Recyclable Waste	<p>Waste which is:</p> <p>(a) an empty container, packaging, or product that is any of the following:</p> <ul style="list-style-type: none"> (i) recyclable paper and cardboard, being a newspaper, magazine, junk mail, stationery, office paper, envelope, telephone book, liquid paper board and cardboard; (ii) a glass bottle or jar; (iii) an aluminium can; (iv) PET (1), HDPE (2) and PVC (3) rigid plastic packaging; (v) other rigid plastic packaging including LOPE (4), PP (5), PS (6) and Other (7); (vi) steel rigid packaging, including aerosol cans; (vii) stated as Recyclable Waste in a notice posted on the Waste Infrastructure Authority's website; and <p>(b) not any of the following:</p> <ul style="list-style-type: none"> (i) Non AWCS Waste; (ii) General Waste; (iii) flexible plastic film and wrap materials, aluminium foil, polystyrene, gas bottles and cylinders; (iv) waste which exceeds 300mm in any dimension: <ul style="list-style-type: none"> (A) prior to folding, compressing, crushing or the like; or (B) after dismantling to pieces.

Schedule 2 Non AWCS Waste

Table 2 Non AWCS Waste

Column 1 Non AWCS Waste Fraction	Column 2 Description of the waste comprising the Non AWCS Waste Fraction
1. Bulk Cardboard Waste	Waste which is cardboard material that: (a) exceeds 300mm in any dimension: (i) prior to folding, compressing, crushing or the like; or (ii) after dismantling to pieces; or (b) exceeds 10 kilograms per week for a Serviced Premises which is used for a purpose within the commercial use category or retail use category under the Development Scheme.
2. Bulk Glass Waste	Waste which is glass that accounts for 10% or more of the total waste weight or volume generated by a Serviced Premises which is used for a purpose within the commercial use category or retail use category under the Development Scheme.
3. Bulky Waste	Waste which exceeds 300mm in any dimension: (a) prior to folding, compressing, crushing or the like; or (b) after dismantling to pieces.
4. Clinical or Related Waste	Waste which has the potential to cause disease including the following by way of example: (a) animal waste; (b) discarded sharps; (c) human tissue waste; (d) laboratory waste.
5. Construction and Demolition Waste	Waste which results from the carrying out of a construction or demolition activity.
6. Organic Waste	Waste which is: (a) of a putrescible nature that is any of the following: (i) food and food scraps; (ii) fruit and vegetables; (iii) cooked or raw meat and seafood; (iv) eggs and egg shells; (v) cheese and yoghurt; (vi) small bones from fish and poultry; (vii) stated as Organic Waste in a notice posted on the Waste Infrastructure Authority's website; and (b) not any of the following: (i) General Waste; (ii) Recyclable Waste. (iii) packaging and containers, even if stated as biodegradable or recyclable. (iv) waste which exceeds 300mm in any dimension: (A) prior to folding, compressing, crushing or the like; or (B) after dismantling to pieces; (v) stated as not Organic Waste in a notice posted on the Waste Infrastructure Authority's website.

Column 1 Non AWCS Waste Fraction	Column 2 Description of the waste comprising the Non AWCS Waste Fraction
7. Regulated Waste	Waste which is the following: <ul style="list-style-type: none"> (a) chemicals or hazardous waste; (b) motor oil, pesticides, paints or solvents; (c) a substance listed in Part 1 of Schedule 7 of the <i>Environmental Protection Regulation 2008</i>.

Schedule 3 Preliminary design information standards for the Private Pneumatic Waste Infrastructure

SC3.1 Preliminary design information

The preliminary design information for the Private Pneumatic Waste Infrastructure is to comprise the following:

- (a) basic information and spatial arrangements for the Private Pneumatic Waste Infrastructure;
- (b) other necessary information for the Private Pneumatic Waste Infrastructure stated in a Notice under section 2.4.

Schedule 4 Preliminary design information standards for the Private Non Pneumatic Waste Infrastructure

SC4.1 Preliminary design information

The preliminary design information for the Private Non Pneumatic Waste Infrastructure is to comprise the following:

- (a) basic information and spatial arrangements for the Private Non Pneumatic Waste Infrastructure;
- (b) other necessary information for the Private Non Pneumatic Waste Infrastructure stated in a Notice under section 2.4.

Schedule 5 Minimum detailed design and documentation standards for the Private Pneumatic Waste Infrastructure

SC5.1 Approved Contractor

The Private Pneumatic Waste Infrastructure is to be designed by a person who is:

- (a) an appropriately qualified engineer who is registered with the Board of Professional Engineers Queensland; and
- (b) an Approved Contractor.

SC5.2 Drawings

The drawings for the Private Pneumatic Waste Infrastructure are to be lodged in accordance with one of the following:

- (a) on A1 sized sheets, if at least one copy of the A3 size is also lodged;
- (b) on A3 sized sheets;
- (c) on A4 sized sheets.

SC5.3 Minimum system and asset requirements of Private Pneumatic Waste Infrastructure

The Private Pneumatic Waste Infrastructure is to comprise the following:

- (a) an AWCS Collection Point for the collection of General Waste and Recyclable Waste as separate AWCS Waste Fractions;
- (b) inlets for the AWCS Waste Fractions at the AWCS Collection Point which are to comply with the following minimum requirements:
 - (i) if the AWCS Collection Point is to be provided in the basement level or ground floor level of the Serviced Premises, the inlets are to be configured for each AWCS Waste Fraction;
 - (ii) if the AWCS Collection Point is to be provided on a level other than a basement level or ground floor level of the Serviced Premises, the inlets are to be configured as follows:
 - (A) for a level which is used for a commercial, retail, short term accommodation or residential purpose, for each AWCS Waste Fraction;
 - (B) for a level which is used for another purpose, as determined by the Waste Infrastructure Authority; and
- (c) additional inlets for the AWCS Waste Fractions at the AWCS Collection Point where this is necessary to ensure that the intended amenity and service levels for the Serviced Premises are achieved;

- (d) the supply of compressed air:
 - (i) from a compressed air pipe which is connected to the main AWCS compressed air pipe at a designated inspection manhole or electrical manhole; and
 - (ii) to the Private Pneumatic Waste Infrastructure from the Public Pneumatic Waste Infrastructure;
- (e) the connection of the Private Pneumatic Waste Infrastructure to the Public Pneumatic Waste Infrastructure at the Connection Point to ensure the Private Pneumatic Waste Infrastructure operates with the Public Pneumatic Waste Infrastructure;
- (f) pipes which are located to avoid noise impacts or are subject to appropriate attenuation treatment;
- (g) a communication system which:
 - (i) operates on a Lonworks type protocol;
 - (ii) includes a repeater module that is to be stated by the Waste Infrastructure Authority in the Prescribed Waste Infrastructure Consent; and
 - (iii) connects to and operates with the Public Pneumatic Waste Infrastructure;
- (h) a power source which:
 - (i) is 240V AC with a 48V transformer;
 - (ii) is provided from within the Serviced Premises; and
 - (iii) has a backup power source which is capable of providing power to the Private Pneumatic Waste Infrastructure for no less than 24 hours following a power supply failure and is one of the following:
 - (A) an essential services switchboard with back up power;
 - (B) an uninterruptable power supply;
- (i) a component which is one of the following:
 - (i) an ENVAC proprietary product where identified in Table 3;
 - (ii) a non ENVAC proprietary product where identified in Table 3 that is stated in the Prescribed Waste Infrastructure Consent;
 - (iii) another product where identified in Table 3;
- (j) any other requirements which is determined by the Waste Infrastructure Authority and stated in the Prescribed Infrastructure Consent.

SC5.4

General minimum detailed design and specification documentation standards

The detailed design and specification documentation for the Private Pneumatic Waste Infrastructure is to:

- (a) be prepared by a person with the qualifications stated in section SC5.1.
- (b) be to a standard appropriate for construction and installation; and
- (c) comprise details of the Private Pneumatic Waste Infrastructure including the following:
 - (i) details about how the Private Pneumatic Waste Infrastructure is to comply with the following:
 - (A) the minimum component standards identified in Table 3;
 - (B) the minimum system and asset requirements stated in section SC5.3;
 - (ii) the design details for the following:
 - (A) mechanical system design;
 - (B) electrical system design;
 - (C) communication system design;
 - (D) inlet sizes and locations;
 - (E) acoustic assessment and attenuation treatments;
 - (F) civil detailing;
 - (G) compaction and backfill specifications for any underground pipework;
 - (H) structural support details for pipework, plant and equipment;
 - (iii) specifications for the following:
 - (A) construction and installation;
 - (B) commissioning;
 - (C) quality assurance;
 - (iv) all aspects and engineering of the Private Pneumatic Waste Infrastructure to demonstrate the following:
 - (A) the integration with the Public Pneumatic Waste Infrastructure;
 - (B) compliance with the standards stated in this document and a relevant law;

- (v) a commissioning plan for the Private Pneumatic Waste Infrastructure which includes the details identified in section SC5.5.

SC5.5 Commissioning plan

A commissioning plan for the Private Pneumatic Waste Infrastructure is to include the following:

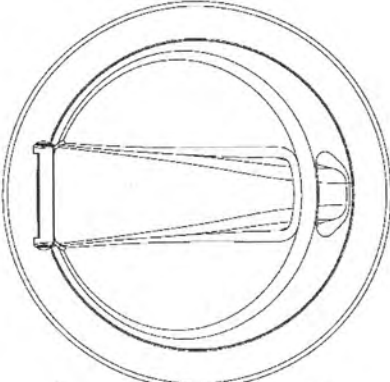
- (a) a strategy for testing the Private Pneumatic Waste Infrastructure to ensure compliant construction and readiness for operation;
- (b) details on how the following system aspects will be checked for compliant construction and readiness for operation:
 - (i) mechanical;
 - (ii) civil;
 - (iii) electrical;
 - (iv) communication;
 - (v) cathodic protection;
- (c) details on how the following items will be checked:
 - (i) hatch cover and lifting bolts;
 - (ii) operation of the inlet doors, discharge valves and level sensors;
 - (iii) leakage in transfer pipes, inspection opens, inlets and air intake;
 - (iv) inspection manholes for leaks and flooding;
 - (v) manhole lids for waterproof seals;
 - (vi) conduit finish for leakage and waterproofing;
 - (vii) finishing of cables and air pipes;
 - (viii) connection status of power distribution box;
 - (ix) appropriate voltage per component;
 - (x) inlet address communication;
 - (xi) communication to collection station and components;
 - (xii) local operating network communication is connected and operating;
 - (xiii) discharge valve operation and proper signal on sensor lamp;
 - (xiv) operation of sensors for DV, level sensor, air inlet, and others;
 - (xv) automatic operation test;
 - (xvi) flushing work, if required;


(xvii) figures on test box for cathodic protection.


Table 3 Minimum component standards for the Private Pneumatic Waste infrastructure

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
1. Pipes	<ul style="list-style-type: none"> ▪ Pipes are to: <ul style="list-style-type: none"> • be 400mm diameter carbon steel pipe for pipelines. R1500; • have a material tensile strength of: <ul style="list-style-type: none"> – for a straight pipe, greater than 330Mpa; – for a bend pipe, greater than 370Mpa; • have a thickness of more than 6.35 mm; and • have a 3 layer PE pipe coating (underground installation) in accordance with the following: <ul style="list-style-type: none"> – for a straight pipe, KSD 3562 (KSD 3607) or equivalent standard; – for a bend pipe, KSD 3607 or equivalent standard. ▪ The pipe network is to terminate at a Connection Point such that it can connect to the Public Pneumatic Waste Infrastructure. <p><u>Horizontal waste pipes</u></p> <ul style="list-style-type: none"> ▪ Horizontal waste pipes are to be buried in the ground, fixed at the basement ceiling level or provided in a suitable alternative location which allows for the correct system operation and is provided with appropriate protection from physical damage. ▪ A horizontal waste pipe installed inside the building is to be 400A and installed with a pipe support every 3 to 4 metres, at changes of direction or as considered necessary by an appropriately qualified engineer who is registered with the Board of Professional Engineers Queensland. ▪ An inspection opening is to be installed in the horizontal waste pipe in a location which allows for access for maintenance. ▪ A buried horizontal waste pipe is to have 3LP coating. ▪ Bends in the pipe are to be minimised to ensure efficient waste transportation. ▪ The Prescribed Proponent is to recommend the insulation method and discuss the selection with the Waste Infrastructure Authority. 	EPP

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<u>Vertical pipes</u> <ul style="list-style-type: none"> ▪ A vertical pipe is to be 400A in size. 	
2. Junction box	A junction box is to be provided adjacent to the Connection Point or in a suitable alternative location and is to contain connections for the communication system.	EPP
3. Corrosion protection	<ul style="list-style-type: none"> ▪ For buried underground pipes and outdoor inlets, cathodic protection by type sacrificial anode system. ▪ For all other components, corrosion protection paint as follows: <ul style="list-style-type: none"> • Primer: Epoxy primer paint (75µm); • Finishing: Polyurethane paint (60µm). 	AP
4. AWCS Collection Point	<ul style="list-style-type: none"> ▪ AWCS Collection Points are to provide inlets for the AWCS Waste Fractions, being General Waste and Recyclable Waste in accordance with the minimum detailed design and documentation standards stated in section SC5.4. ▪ Each AWCS Collection Point is to have a temporary holding capacity equivalent to 200 litres of waste. 	EPP
5. Indoor inlet	<ul style="list-style-type: none"> ▪ An indoor inlet is for an AWCS collection point. ▪ A separate riser shaft and indoor inlet for each AWCS Waste Fraction is to be provided in accordance with the minimum standards detailed design and documentation standards stated in section SC5.4. ▪ The indoor inlet is to be installed with a conduit sleeve from the discharge valve room through each floor. ▪ The indoor inlet is to be installed on an inlet pipework piece. ▪ An indoor inlet is to be between 1,050 - 1,150mm from the ground. ▪ An indoor inlet for a residential use is to comprise of a round door with a diameter of 30cm. ▪ An indoor inlet for a commercial use is to comprise of a square door, being 42cm x 58cm in size. ▪ An indoor inlet is to be installed with sufficient room to operate the indoor inlet without obstruction. ▪ An automatic lock-out is to be programmed to prevent the opening of the indoor inlet when the system is evacuating 	EPP or NEPP



Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)								
	<p>the riser chute.</p> <ul style="list-style-type: none"> ▪ The inlet door for each AWCS Waste Fraction is to be appropriately coloured in accordance with AS 4123.7: <i>Mobile waste containers – colours, markings and designation requirements</i>. ▪ An RFID inlet door is optional where access to the Private Pneumatic Waste Infrastructure is to be limited to identified users only. ▪ <u>Schematic diagram – Indoor inlet door</u>  <p style="text-align: center;">Indoor inlet door</p> <ul style="list-style-type: none"> ▪ <u>Unit information – Indoor inlet door</u> <table border="0" style="margin-left: 40px;"> <tr> <td>Diameter:</td> <td>Frame – 400mm Open – 280mm</td> </tr> <tr> <td>Width:</td> <td>100mm</td> </tr> <tr> <td>Material:</td> <td>Aluminum and Steel</td> </tr> <tr> <td>Weight:</td> <td>6kg</td> </tr> </table>	Diameter:	Frame – 400mm Open – 280mm	Width:	100mm	Material:	Aluminum and Steel	Weight:	6kg	
Diameter:	Frame – 400mm Open – 280mm									
Width:	100mm									
Material:	Aluminum and Steel									
Weight:	6kg									
6. Inlet pipework piece	<ul style="list-style-type: none"> ▪ An inlet pipework piece is to be a 400mm diameter pipe of stainless steel or linear low density polyethylene (LLDPE) material. 	EPP or NEPP								

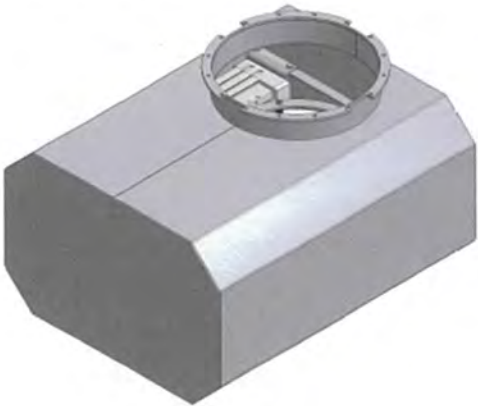
Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<ul style="list-style-type: none"> ▪ <u>Schematic diagram – Inlet pipework piece</u>  <ul style="list-style-type: none"> ▪ <u>Unit information – Inlet pipework piece</u> <p>Diameter: D400</p> <p>Height: 977mm (to be tailored depending on floor design)</p> <p>Material: Stainless steel (more than 1.5mm wall thickness)</p>	
7. Outdoor inlet	<ul style="list-style-type: none"> ▪ An outdoor inlet may be utilised for a ground level installation in a common area in conjunction with or as an alternative to a multi-storey riser style indoor inlet. ▪ An outdoor inlet is to be: <ul style="list-style-type: none"> • waterproofed; • operated by a pneumatic cylinder; • painted with anti-corrosion protection; and • installed between 1,050mm and 1,150mm from the centre of the inlet door to the ground. ▪ The outdoor inlet is to be designed with sufficient surrounding clearance such that there is no obstruction to operate the outdoor inlet door. ▪ The outdoor inlet is to be designed for light sanitation purposes, safety and aesthetic appeal. ▪ The storage section pipe is to be secured under the outdoor inlet door. 	EPP


Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)								
	<ul style="list-style-type: none"> ▪ Each outdoor inlet requires a dedicated valve to control the entry of waste into the main system. ▪ An automatic lock-out is to be programmed to prevent the opening of the outdoor inlet when the system is evacuating the riser chute. ▪ The outdoor inlet door for each AWCS Waste Fraction are to be appropriately coloured in accordance with AS 4123.7: <i>Mobile waste containers – colours, markings and designation requirements</i>. ▪ <u>Schematic diagram – Outdoor inlet</u> <div style="text-align: center; margin: 10px 0;">  </div> <ul style="list-style-type: none"> ▪ <u>Unit information – Outdoor inlet</u> <table style="margin-left: 40px; border: none;"> <tr> <td style="padding-right: 20px;">Diameter:</td> <td>690mm</td> </tr> <tr> <td>Width:</td> <td>1480mm</td> </tr> <tr> <td>Material:</td> <td>Mild steel</td> </tr> <tr> <td>Weight:</td> <td>230kg</td> </tr> </table>	Diameter:	690mm	Width:	1480mm	Material:	Mild steel	Weight:	230kg	
Diameter:	690mm									
Width:	1480mm									
Material:	Mild steel									
Weight:	230kg									
8. Signage	The signage for the Private Pneumatic Waste Infrastructure is to be displayed in accordance with a Notice given by the Waste Infrastructure Authority to a Prescribed Proponent.	AP								
9. Storage section pipe	<ul style="list-style-type: none"> ▪ A storage section pipe is to store waste temporarily. ▪ The storage section pipe is to: 	EPP								

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<ul style="list-style-type: none"> • minimise the impact of falling waste; • be able to sustain the impact of falling waste; • include an inspection opening; • include a level sensor to prevent overfilling; and • include a communication signal to communicate with the waste collection station. <ul style="list-style-type: none"> ▪ <u>Schematic diagram – Storage section pipe</u>  <ul style="list-style-type: none"> ▪ <u>Unit information – Storage section pipe</u> <p>Diameter: 400mm</p> <p>Dimension: Greater than 300mm (including a discharge valve and secondary air intake), but variable depending on the site spatial conditions of the site.</p>	


Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<p>Material: For the General Waste and Recyclable Waste fractions – Mild steel.</p> <p>For the Organic Waste fraction – Stainless steel.</p> <p>Thickness: Greater than 4mm</p>	
10. Discharge valve	<ul style="list-style-type: none"> ▪ A discharge valve is to be installed at the base of the riser shaft or within the PN-connection to control the entry of waste into the horizontal pipework. ▪ A discharge valve for an indoor inlet is to: <ul style="list-style-type: none"> • be a flat valve type; • be air tight; • be capable of enduring the impact of falling waste; and • automatically lock when the discharge valve is closed. ▪ A discharge valve for an outdoor inlet is to: <ul style="list-style-type: none"> • be air tight; • operate between -10 degrees celsius and 50 degrees celsius; • automatically lock when the outdoor inlet is closed; • be controlled by a solenoid valve; and • comprise of EPDM or NBR rubber material. ▪ A discharge valve is to be installed with adequate space for the provision of a storage section pipe and the operation and maintenance of the Private Pneumatic Waste Infrastructure. ▪ An air inlet louvre is to be installed which: <ul style="list-style-type: none"> • includes openings that are suitable for air movement for the operation of the Private Pneumatic Waste Infrastructure and to prevent pressurisation of a space containing an air inlet or opening; and • where an inlet or opening is contained within a room, is made of a grill or mesh material. ▪ A discharge valve is to be pneumatically operated and controlled by the Waste Infrastructure Authority. ▪ A discharge valve is to have a communication signal and a 	EPP


Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)								
	<p>compressed air connection to the AWCS.</p> <ul style="list-style-type: none"> ▪ An inspection opening or door is to be installed for the operation and maintenance of the discharge valve room. ▪ <u>Schematic diagrams – Indoor and outdoor types</u> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Indoor type</p> </div> <div style="text-align: center;">  <p>Outdoor type</p> </div> </div> <ul style="list-style-type: none"> ▪ <u>Unit information – Indoor and outdoor types</u> <table style="width: 100%; border: none;"> <tr> <td colspan="2">Indoor type</td> </tr> <tr> <td style="width: 40%;">Diameter:</td> <td>Approximately 760mm</td> </tr> <tr> <td>Height:</td> <td>Approximately 700mm</td> </tr> <tr> <td>Material:</td> <td>Mild steel</td> </tr> </table>	Indoor type		Diameter:	Approximately 760mm	Height:	Approximately 700mm	Material:	Mild steel	
Indoor type										
Diameter:	Approximately 760mm									
Height:	Approximately 700mm									
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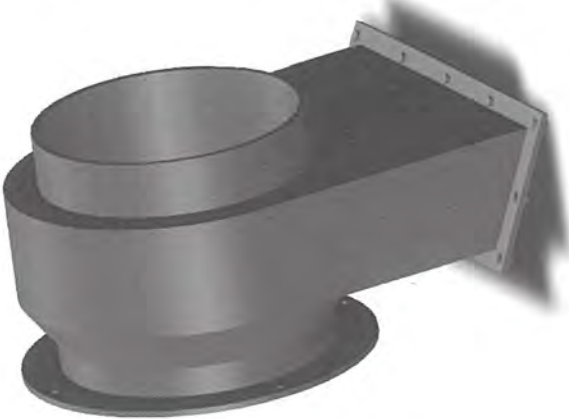
Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<p>Operating pressure: 6-8 Bar</p> <p>Weight: 140kg</p> <p>Outdoor type</p> <p>Length: 980mm</p> <p>Width: 600mm</p> <p>Height: 1110mm</p> <p>Material: Mild steel</p> <p>Operating pressure: 6-8 Bar</p> <p>Weight: Approximately 220kg</p>	
11. Litter bin discharge valve	<ul style="list-style-type: none"> ▪ A litter bin discharge valve is an option for the connection between an outdoor inlet and the horizontal waste pipework. ▪ A litter bin discharge valve is to have a communications signal and a compressed air connection to the AWCS. ▪ <u>Schematic diagram - Litter bin discharge valve</u> 	EPP

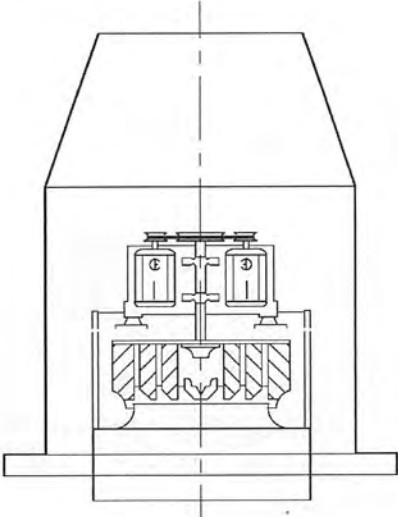
Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<ul style="list-style-type: none"> ▪ <u>Unit information - Litter bin discharge valve</u> <li style="margin-left: 20px;">Length: 908mm <li style="margin-left: 20px;">Width: 762mm <li style="margin-left: 20px;">Height: 495mm <li style="margin-left: 20px;">Material: Mild Steel <li style="margin-left: 20px;">Operating Pressure: 6-8 Bar <li style="margin-left: 20px;">Weight: 160kg 	
12. PN-connection	<ul style="list-style-type: none"> ▪ The PN-connection is the part of the outdoor inlet which connects to the pipework and is to be waterproofed and painted with anti-corrosion protection. ▪ A discharge valve is to be installed within the PN-connection to control the storage and transport of waste. ▪ The lower horizontal section is to be welded in-line into the horizontal pipework with only the upper most section above ground level and visible for the final installation. ▪ <u>Schematic diagram – PN-connection</u> <div style="text-align: center; margin-top: 20px;">  </div>	EPP

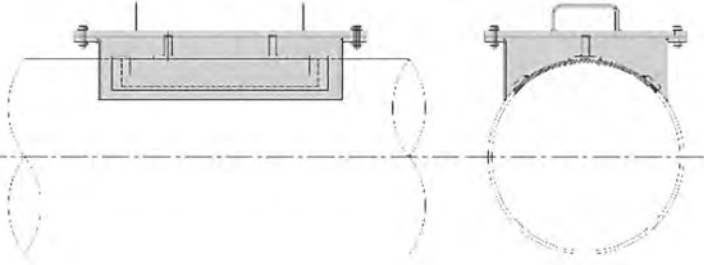
Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<ul style="list-style-type: none"> ▪ <u>Unit information – PN-connection</u> <ul style="list-style-type: none"> Length: 1500mm Width: 846mm Height: 1870mm Material: Mild Steel Weight: 430kg (without DV) 	
13. Air inlet valve	<ul style="list-style-type: none"> ▪ An air intake valve is to be provided at the end of pipes upstream of the waste inlet point in the horizontal waste pipe. ▪ An air intake valve is to be controlled pneumatically by the Waste Infrastructure Authority. <p><u>Indoor air inlet</u></p> <ul style="list-style-type: none"> ▪ An air inlet valve for the indoor inlet is to be provided: <ul style="list-style-type: none"> • at the end of the horizontal pipe which is connected to the discharge valve; • within 50 metres of the discharge valve; and • in a location with natural air inflow that will not be disturbed. ▪ An air inlet louvre which is suitable to prevent the pressurisation of an enclosed space is to be installed where an air inlet valve cannot be installed in open space. ▪ An air inlet valve for an indoor inlet is to: <ul style="list-style-type: none"> • be operated by a pneumatic cylinder; • be installed with an inspection cover in the part of the air inlet valve; • be air tight; and • comprise of sound absorption material and sound insulation material with a thickness greater than 50mm. <p><u>Outdoor air inlet</u></p>	EPP

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<ul style="list-style-type: none"> ▪ An air inlet valve for the outdoor inlet is to be provided: <ul style="list-style-type: none"> • at the end of the horizontal pipe which is connected to the outdoor inlet; • within 50 metres of the discharge valve; and • in a location with natural air inflow that will not be disturbed. ▪ An air inlet valve for an outdoor inlet is to: <ul style="list-style-type: none"> • be waterproofed; • be painted in anti-corrosion protection; • comprise sound absorption material and sound insulation material with a greater thickness than 25mm; • be controlled by a solenoid valve; and • comprise of EPDM or NBR rubber material. ▪ <u>Schematic diagram – Indoor and outdoor types</u> <div style="display: flex; align-items: center; margin-top: 20px;">  <div style="margin-left: 20px;"> <p>Indoor type</p> </div> </div>	

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)																						
	 <p style="text-align: right;">Outdoor type</p> <ul style="list-style-type: none"> ▪ <u>Unit information – Indoor and outdoor type</u> <p>Indoor type</p> <table border="0"> <tr><td>Length:</td><td>1200mm</td></tr> <tr><td>Width:</td><td>1200mm</td></tr> <tr><td>Height:</td><td>1100mm</td></tr> <tr><td>Material:</td><td>Mild steel</td></tr> <tr><td>Operating Pressure:</td><td>6-8 Bar</td></tr> <tr><td>Weight:</td><td>340kg</td></tr> </table> <p>Outdoor type</p> <table border="0"> <tr><td>Diameter:</td><td>850mm</td></tr> <tr><td>Height:</td><td>1600mm</td></tr> <tr><td>Material:</td><td>Mild steel</td></tr> <tr><td>Operating Pressure:</td><td>6-8 Bar</td></tr> <tr><td>Weight:</td><td>270kg</td></tr> </table>	Length:	1200mm	Width:	1200mm	Height:	1100mm	Material:	Mild steel	Operating Pressure:	6-8 Bar	Weight:	340kg	Diameter:	850mm	Height:	1600mm	Material:	Mild steel	Operating Pressure:	6-8 Bar	Weight:	270kg	
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Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)								
14. Secondary air valve	<ul style="list-style-type: none"> ▪ A secondary air valve is to be installed at the base of a vertical chute. ▪ No control input or mechanical activation is to be required for a secondary air valve. ▪ <u>Schematic diagram – Secondary air valve</u> <div style="text-align: center; margin: 10px 0;">  </div> <ul style="list-style-type: none"> ▪ <u>Unit information – Secondary air valve</u> <table style="margin-left: 40px; border: none;"> <tr> <td style="padding-right: 20px;">Length:</td> <td>726mm</td> </tr> <tr> <td>Width:</td> <td>416mm</td> </tr> <tr> <td>Height:</td> <td>329mm</td> </tr> <tr> <td>Material:</td> <td>Mild Steel</td> </tr> </table>	Length:	726mm	Width:	416mm	Height:	329mm	Material:	Mild Steel	EPP
Length:	726mm									
Width:	416mm									
Height:	329mm									
Material:	Mild Steel									
15. Roof fan	<ul style="list-style-type: none"> ▪ A roof fan is to be provided where a vertical AWCS riser shaft is installed. ▪ The roof fan is to prevent odour entering a habitable area. ▪ Power for the roof fan is to be supplied in close proximity to the roof fan. ▪ The specification of the roof fan is to be determined by the design of the Private Pneumatic Waste Infrastructure in the Serviced Premises. 	EPP or NEPP								

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<ul style="list-style-type: none"> ▪ <u>Schematic diagram – Roof fan</u>  <ul style="list-style-type: none"> ▪ <u>Unit information – Example specification for the installation of D400 in a 7 storey building</u> <p style="margin-left: 40px;">Diameter: 420mm</p> <p style="margin-left: 40px;">Capacity: 30Am³/min</p> <p style="margin-left: 40px;">Pressure: 10Pa</p>	
16. Inspection opening	<ul style="list-style-type: none"> ▪ An inspection opening is to be installed in a suitable location to provide safe access for visual inspection and cleaning of the horizontal waste pipe downstream of the discharge valve and connection point. ▪ The inspection opening is to be located before the connection to the discharge valve and any sharp bend where a blockage in the pipe may occur. ▪ The inspection opening is to: <ul style="list-style-type: none"> • comprise of an outer lid and inner lid to ensure that the pipes remain air tight; • be cut into the pipe and the inner lid and the outer lid is to be sealed by welding; and • be painted with anti-corrosion protection. 	EPP

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<ul style="list-style-type: none"> ▪ <u>Schematic diagram – Inspection opening</u>  <ul style="list-style-type: none"> ▪ <u>Unit information – Inspection opening</u> <p>Length: 610mm</p> <p>Width: 420mm</p> <p>Height: 200mm</p> <p>Material: Mild steel</p>	
17. Inspection manhole	<ul style="list-style-type: none"> ▪ An inspection manhole is to be provided at intermediate points within the AWCS pipework. ▪ An inspection manhole is to be designed to: <ul style="list-style-type: none"> • house inspection openings, electrical equipment, control equipment and compressed air equipment; • protect the inspection opening and provide adequate space for the operation and maintenance of the Private Pneumatic Waste Infrastructure; • be smaller than a section manhole; • ensure that the pipe network penetration offsets within the inspection manhole are not more than 400mm from the centre of the inspection manhole wall; and • include the following: <ul style="list-style-type: none"> – an inspection panel on the top side of the enclosed pipe for maintenance; – an internal ladder for access in accordance with Australian Standards; – a 2 metre high internal chamber for adequate maintenance access; and 	AP

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<ul style="list-style-type: none"> – a manhole lid that is gasket sealed and waterproofed to suit the surrounds. ▪ An inspection manhole is to: <ul style="list-style-type: none"> • be constructed of waterproof, steel reinforced concrete with added Xypex, • include a waterproof lining and lid seal; and • include epoxy sealed penetrations for all conduit penetrations. ▪ An inspection manhole is to be designed to: <ul style="list-style-type: none"> • the same specification as the inspection manhole for the Public Pneumatic Waste Infrastructure; or • a different design and specification where approved by the Waste Infrastructure Authority. ▪ The Prescribed Proponent is to consult with the Waste Infrastructure Authority in respect of the location of the inspection manhole. 	
18. Electricity	<ul style="list-style-type: none"> ▪ Electricity and back up power supply required for the Private Pneumatic Waste Infrastructure is to be provided by the Prescribed Proponent. ▪ The power and earthing cable is to be provided to both the outdoor inlet and indoor inlet discharge valve room. ▪ The power supply configuration for the indoor inlet is to comprise of the following: <ul style="list-style-type: none"> • AC240V supply to the waste room; and • AC240V supply to the roof fan (power supply specification may change in accordance with the roof fan size). ▪ The power supply configuration for the outdoor inlet is to comprise of AC240V supply to TR of the outdoor inlet. ▪ The power supply configuration for the repeater is to comprise of AC240V supply to the repeater. ▪ The power supply is to have a backup power supply which is capable of providing power to the Private Pneumatic Waste Infrastructure for no less than 24 hours following a power supply failure and is one of the following: <ul style="list-style-type: none"> • an essential services switchboard with backup power; • an uninterruptable power supply. 	AP

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)				
	<ul style="list-style-type: none"> ▪ The design of the electrical component is to comply with following: <ul style="list-style-type: none"> • an electrical enclosure is to be installed at each inlet for the connection to the internal cabling; • a terminal block is to be installed for the connection of the control power and the communication line; • the main cable is to be F-CV and F-GV (such as flame retardant cable) or an Australian standard type; • a communication cable is to be of the same material or better than the communication cable used for the Public Pneumatic Waste Infrastructure; • for an outdoor inlet, a heavy duty conduit is to be used to protect the power cable and the depth of the cable is to be in accordance with a relevant law; • for an indoor inlet inside a building, the conduit is to supply the power to both the control panel and the facilities required to be powered; • the specification of the electrical cabling is to be the same or superior to the AWCS electrical cabling as determined by the Waste Infrastructure Authority; • the design of the electrical cabling is to focus on the stable and compatible design of the Private Pneumatic Waste Infrastructure to the Public Pneumatic Waste Infrastructure. ▪ <u>Unit information – Minimum power consumption guidelines</u> <p>Inlet facility</p> <table data-bbox="459 1646 1005 1848"> <tr> <td style="vertical-align: top;">Contents</td> <td> For the outdoor inlet: - Operation: 12.8W - Standby: 3.4W For the indoor inlet: - Operation: 11.6W - Standby: 2.4W </td> </tr> </table> <p>Pipe network facility</p> <table data-bbox="459 1937 1077 2072"> <tr> <td style="vertical-align: top;">Contents</td> <td> For the repeater: - Permanent basis: 3W For the cathodic protection facility: </td> </tr> </table> 	Contents	For the outdoor inlet: - Operation: 12.8W - Standby: 3.4W For the indoor inlet: - Operation: 11.6W - Standby: 2.4W	Contents	For the repeater: - Permanent basis: 3W For the cathodic protection facility:	
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Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<p>- Permanent basis: maker standard</p> <p>For the roof fan: - Permanent basis: maker standard</p> <ul style="list-style-type: none"> ▪ <u>Unit information – Design guidelines for electrical facilities</u> <p>Inlet facility</p> <p>Load types: For the outdoor inlet: - Working voltage: AC240V or AC48V</p> <p>For the indoor inlet: - Working voltage: AC240V or AC48V</p> <p>Pipe network facility</p> <p>Load types: For the repeater: - Working voltage: AC240V</p> <p>For the cathodic protection facility: - Working voltage: maker standard</p> <p>For the roof fan: - Working voltage: maker standard</p>	
19. Control system	<ul style="list-style-type: none"> ▪ A connection for the control system is to be provided in the junction box, ▪ The control cables from the inlets and discharge valves on the Serviced Premises are to be connected into a junction box. ▪ The control system is to be designed in accordance with a relevant law and design guidelines of the Waste Infrastructure Authority. ▪ The design of the control system is to take account of the following: <ul style="list-style-type: none"> • the reliability and stability of the automatic control facility and equipment; • the functionality and stability of the operation of the Private Pneumatic Waste Infrastructure; • the equipment compatibility to the Public Pneumatic Waste Infrastructure; • the standardisation of the operation and maintenance 	EPP

Column 1 Component	Column 2 Minimum standards	Column 3 ENVAC proprietary product (EPP)/Non EPP stated in the Prescribed Waste Infrastructure Consent (NEPP)/Another product (AP)
	<p>of the Private Pneumatic Waste Infrastructure for integration with the Public Pneumatic Waste Infrastructure;</p> <ul style="list-style-type: none"> • compliance with a relevant law. <ul style="list-style-type: none"> ▪ The design of the control system is to: <ul style="list-style-type: none"> • form a bus topology; • include a Lonworks repeater; and • be executed by the Lonworks communication method to be compatible with the central control room of the Public Pneumatic Waste Infrastructure. ▪ The specification for the control system is to be equal to or greater than the specification for the Public Pneumatic Waste Infrastructure. 	
20. Compressed air	<ul style="list-style-type: none"> ▪ A connection for the compressed air is to be provided in the junction box. ▪ The compressed air pipe is to: <ul style="list-style-type: none"> • be 15mm (DN18mm) for a PB pipe; • be 8mm for a PU pipe; • endure pressure of over 1.0Mpa for a PB pipe; and • be push-fit type for all fittings. ▪ The control cables from the inlets and discharge valves on the Serviced Premises are to be connected into a junction box. 	EPP or NEPP

Schedule 6 Minimum detailed design and documentation standards for the Private Non Pneumatic Waste Infrastructure

SC6.1 Designer

The Private Non Pneumatic Waste Infrastructure is to be designed by a person who is:

- (a) one of the following:
 - (i) an appropriately qualified engineer in a relevant engineering discipline who is registered with the Board of Professional Engineers Queensland;
 - (ii) an appropriately qualified architect who is registered with the Board of Architects Queensland; and
- (b) an Approved Contractor.

SC6.2 Drawings

The drawings of the Private Non Pneumatic Waste Infrastructure are to be lodged in accordance with one of the following:

- (a) on A1 sized sheets, if at least one copy of the A3 size is also lodged;
- (b) on A3 sized sheets;
- (c) on A4 sized sheets.

SC6.3 General minimum detailed design and specification documentation standards

The Private Non Pneumatic Waste Infrastructure is to be designed:

- (a) to provide storage, and handling of Non AWCS Waste in a manner which is nuisance free and aligned with modern waste management practices;
- (b) to be fit for purpose, functional, durable and safe for the storage and servicing of Non AWCS Waste;
- (c) so that the Private Pneumatic Waste Infrastructure is not used for the disposal of Non AWCS Waste;
- (d) to encourage opportunities to increase the re-use and recycling of Non AWCS Waste;
- (e) to comply with the noise regulations in accordance with the *Environmental Protection Act 1994*; and
- (f) to comply with the regulations in accordance with the *Plumbing and Drainage Act 2002*.

SC6.4 Minimum detailed design and documentation standards for specific items of Private Non Pneumatic Waste Infrastructure

The Private Non Pneumatic Waste Infrastructure is to comprise the following:

- (a) a Waste Storage Area where Non AWCS Waste is to be handled and stored, if the Serviced Premises is used for a purpose other than a residential use;
- (b) glass processing equipment, such as a glass crusher, which is to be provided where Bulk Glass Waste will be generated;
- (c) cardboard processing equipment, such as a baler or compactor, which is to be provided where Bulk Cardboard Waste will be generated;
- (d) an Under Sink Macerator, which is to be provided where Organic Waste will be generated.

SC6.5 Minimum detailed design and documentation standards specifically for the Waste Storage Area

A Waste Storage Area which is to be provided in the Serviced Premises is to be designed to comply with the following minimum requirements:

- (a) the storage of Non AWCS Waste is to be functional, environmentally acceptable and minimises any adverse impacts to the amenity of the Maroochydore City Centre;
- (b) the potential for environmental harm and environmental nuisance under the *Environmental Protection Act 1994* is to be minimised;
- (c) the Waste Storage Area is to provide access to the Non AWCS Waste Receptacles;
- (d) the Waste Storage Area is to be situated within the Serviced Premises and designed to minimise the visual impact to surrounding areas;
- (e) the Waste Storage Area is to allow access to the Non AWCS Waste Service Point and the access is to be in a separate location to the main entrance to the building;
- (f) the Waste Storage Area is not to be located within or adjacent to any habitable room, living area or place used in connection with food preparation;
- (g) the Waste Storage Area is to be of sufficient size to fully contain the number of Non AWCS Waste Receptacles required to manage the generation of Non AWCS Waste;
- (h) the Waste Storage Area is to function as the Non AWCS Waste Service Point or is otherwise to be located within 40 metres of the Non AWCS Waste Service Point;
- (i) unobstructed access is to be provided for the removal of Non AWCS Waste Receptacles to the Non AWCS Waste Service Point, where the Waste Storage Area and the Non AWCS Waste Service Point are in different locations;

- (j) where the Non AWCS Waste Service Point is located within a building or structure its design is to ensure that the following:
 - (i) the height clearance is sufficient to allow the lifting of Non AWCS Waste Receptacles and safe movement of a service vehicle for example by a truck mounted lifting gear such as a forklift within the building or structure;
 - (ii) the grade of access/egress ramps is not to exceed 1:8;
- (k) the walls, doors and roof of the Waste Storage Area are lined with non-combustible and impervious material with a smooth finish and a fire resistance rating of one hour;
- (l) the junctions of the walls with the floors of the Waste Storage Area are lined to prevent damage to walls by Non AWCS Waste Receptacles;
- (m) the door frames of the Waste Storage Area are rebated with a lock capable of being activated from within without a key at all times;
- (n) a hose cock and an adequate length of hand hose of a minimum internal diameter of 12mm is provided immediately outside of the Waste Storage Area;
- (o) unless refrigerated to below 4 degrees Celsius, the Waste Storage Area is to have an approved mechanical exhaust system for ventilation or permanent, unobstructed natural ventilation openings which are direct to the external air not less than one-twentieth (1/20th) of the floor area with one half of such openings situated at or near the floor level and one half at or near the ceiling level;
- (p) the Waste Storage Area is to have an automatic or other system for the control of fire which meets the applicable Australian Standards for sprinkler installation;
- (q) the Waste Storage Area is to be fly and vermin proof;
- (r) the floor of the Waste Storage Area is to be graded to fall to a drain located outside and adjacent to the Waste Storage Area which is as close as practicable to the doorway;
- (s) the drainage of the Waste Storage Area is to be by means of a trapped gully connected to the sewer with gullies positioned to avoid the track of waste receptacle wheels;
- (t) rainfall and other surface water are not to drain into the Waste Storage Area;
- (u) artificial lighting is to be provided within the Waste Storage Area;
- (v) all equipment in a fixed position is to be located clear of walls and floors and is supported on suitable plinths or impervious legs;
- (w) any container storage and drainage rack is to be made of galvanised metal or other durable, impervious materials;

- (x) the Waste Storage Area is to be well ventilated and is to have “no smoking” signs installed;
- (y) the Waste Storage Area is to include a bunded area for the storage and cleaning of waste oil containers if waste oil is to be generated by the Serviced Premises;
- (z) the Waste Storage Area is to include a waste wash down area for the regular cleaning of the Non AWCS Waste Receptacles, which:
 - (i) is located such that the Non AWCS Waste Receptacles can be easily moved to the waste wash down area and is not located adjacent to or underneath dining or living areas of any building;
 - (ii) has a floor graded to fall to a drainage point located within the waste wash down area;
 - (iii) provide for drainage by means of a trapped gully connected to the sewer and is to be designed such that rainfall and other surface water cannot flow into the waste wash down area; and
 - (iv) includes a hose cock located in the vicinity of the wash down area.

SC6.6 Minimum detailed design and documentation standards specifically for glass processing

The glass processing equipment is to:

- (a) be suitable for the types of glass waste generated;
- (b) comply with the noise regulations in accordance with the *Environmental Protection Act 1994*; and
- (c) be provided within an adequate area for the housing, satisfactory functioning, storage and servicing of the glass processing equipment and the handling of the Bulk Glass Waste for the Serviced Premises which are intended to be serviced by the equipment.

SC6.7 Minimum detailed design and documentation standards specifically for cardboard processing

The cardboard processing equipment is to:

- (a) be suitable for the types of cardboard waste generated;
- (b) comply with the noise regulations in accordance with the *Environmental Protection Act 1994*; and
- (c) be provided within an adequate area for the housing, satisfactory functioning, storage and servicing of the cardboard processing equipment and the handling of Bulk Cardboard Waste for the Serviced Premises which are intended to be serviced by the equipment.

SC6.8 Minimum detailed design and documentation standards specifically for an Under Sink Macerator

The Under Sink Macerator is to:

- (a) be provided in Serviced Premises where the Organic Waste is generated;
- (b) be suitable for the types of Organic Waste generated; and
- (c) comply with the provisions of the *Plumbing and Drainage Act 2002*.

SC6.9 Minimum detailed design and documentation standards specifically for a Non AWCS Waste Receptacle

A Non AWCS Waste Receptacle is:

- (a) to provide for the segregation of the Non AWCS Waste Fractions;
- (b) to be provided in numbers sufficient to manage the volume of Non AWCS Waste which is generated by the Serviced Premises;
- (c) to be appropriately coloured in accordance with *AS 4123.7: Mobile waste containers – colours, markings and designation requirements*;
- (d) to be appropriately signed and labelled for the Non AWCS Waste types;
- (e) to be made of non-combustible materials; and
- (f) not to be placed:
 - (i) where it may impede the safe use of any exit, exit corridor, doorway or stairway;
 - (ii) under stairways; or
 - (iii) near any existing or potential heat source.

SC6.10 Minimum detailed design and documentation standards specifically for access for collection vehicles

The Private Non Pneumatic Waste Infrastructure is to be designed to facilitate and allow for adequate access for a collection vehicles to service the Waste Storage Area and is to comply with the following minimum requirements:

- (a) the layout and internal trafficable area of the Serviced Premises is designed to facilitate the direct servicing of the Non AWCS Waste Receptacle by a collection vehicle in a safe, unobstructed and efficient manner;
- (b) the entry and exit from the Non AWCS Waste Service Point is carried out in a forward gear unless accessed from laneways and service laneways identified within Map 7 – Road Hierarchy Plan of the Development Scheme;
- (c) the Non AWCS Waste Service Point is designed to minimise the potential noise and odour nuisances;

- (d) the turning path for a collection vehicle is designed in accordance with Austroads Design Vehicles and Turning Path Template Guide for a design service vehicle (8.8);
- (e) the collection of Non AWCS Waste at the Non AWCS Waste Service Point by a collection vehicle is:
 - (i) not to be performed using front lift, side lift or rear lift tipping means unless this is demonstrated to the satisfaction of the Waste Infrastructure Authority as being suitable for the amenity of the Serviced Premises;
 - (ii) to be undertaken by way of any of the following:
 - (A) a waste receptacle swap;
 - (B) the loading of baled or compacted waste;
 - (C) another servicing method acceptable to the Waste Infrastructure Authority;
 - (iii) to be carried out within the Serviced Premises such as a load dock, designated loading bay or basement and not within an area external to the Serviced Premises such as a road reserve; and
 - (iv) to allow a collection vehicle to move in a forward direction at all times unless accessed from laneways and service laneways identified within Map 7 – Road Hierarchy Plan of the Development Scheme or to be able to enter and exit from the Non AWCS Waste Service Point in a forward direction or to include a turning bowl or a "T" or "Y" shaped manoeuvring area which allows the collection vehicle to make a turn within 3 manoeuvres.

Schedule 7 Minimum detailed design and documentation standards for the Prescribed Waste Infrastructure

SC7.1 Waste management plan

- (a) A waste management plan in a form specified by the Waste Infrastructure Authority is to be included in the detailed design and specification documentation for the Prescribed Waste Infrastructure.
- (b) A waste management plan for Prescribed Waste Infrastructure is to contain information which is to include the following:
 - (i) the proposed or actual uses of the Serviced Premises including:
 - (A) a description of any environmentally relevant activity (as defined by Schedule 1 of the *Environmental Protection Regulation 2008*);
 - (B) the estimated floor area occupied by each defined use specified in Table SC7.1 of the Infrastructure Agreement;
 - (C) for a non-residential use, the details of the estimated floor area occupied by each tenancy for each development type and defined use specified in Table SC7.1 of the Infrastructure Agreement;
 - (ii) the types of waste likely to be generated in the Serviced Premises;
 - (iii) the estimated quantity of waste likely to be generated in the Serviced Premises for each AWCS Waste Fraction and Non AWCS Waste Fraction;
 - (iv) the methods for the collection and disposal of waste to be generated in the Serviced Premises including the proposed collection service hours (i.e. between the hours of 7:00am and 7:00pm);
 - (v) initiatives that will be implemented to:
 - (A) minimise waste by reducing, reusing or recycling waste; and
 - (B) segregate and separate waste into each of the AWCS Waste Fractions;
 - (vi) a strategy for the compliant use of the Private Pneumatic Waste Infrastructure incorporating the following:
 - (A) communication strategy;
 - (B) signage;
 - (C) placement of AWCS Collection Points;
 - (vii) details on how the Non AWCS Waste, other than Organic Waste, will be processed, handled, stored and presented for collection including the proposed location of any associated processing equipment and a

description of the type of Non AWCS Waste Receptacles proposed to store the Non AWCS Waste;

- (viii) the methods and processes for transferring Non AWCS Waste, other than Organic Waste, from in the Serviced Premises to the Waste Storage Area;
- (ix) details of the spaces and infrastructure allocated for processing, handling, storage and collection activities and demonstration that they are adequate to meet the Amenity and Character Criteria;
- (x) details of the proposed Non AWCS Waste Service Point, including the range of collection vehicles that are to be accommodated;
- (xi) details of the proposed access arrangement to the Non AWCS Waste Service Point for collection vehicles to remove the Non AWCS Waste;
- (xii) details which demonstrate that the proposed service method, processes, and frequency of collection meet the Amenity and Character Criteria;
- (xiii) a description of the design details of the Waste Storage Area, including the method of preventing stormwater contamination;
- (xiv) the location and details of the Waste Storage Area.

Schedule 8 Minimum construction and installation standards for the Private Pneumatic Waste Infrastructure

SC8.1 Approved Contractor

The Private Pneumatic Waste Infrastructure is to be constructed and installed by a person who:

- (a) holds the appropriate class of licence from the Queensland Building and Construction Commission or who is employed or contracted by a person who holds the appropriate class of licence from the Queensland Building and Construction Commission;
- (b) is appropriately qualified in the relevant trade; and
- (c) is an Approved Contractor.

SC8.2 Construction and installation of the Private Pneumatic Waste Infrastructure

The construction and installation of the Private Pneumatic Waste Infrastructure is to:

- (a) prevent the inflow of foreign objects, such as water and dirt, into the pipe network and compressed air tube of the Private Pneumatic Waste Infrastructure;
- (b) comprise a component which is to be any of the following:
 - (i) an ENVAC proprietary product where identified in Table 3;
 - (ii) a non ENVAC proprietary product where identified in Table 3 that is stated in the Prescribed Waste Infrastructure Consent;
 - (iii) another product where identified in Table 3; and
- (c) comply with a Prescribed Waste Infrastructure Consent.

SC8.3 As-constructed drawings for the Private Pneumatic Waste Infrastructure

The as-constructed drawings for the Private Pneumatic Waste Infrastructure are to be prepared to the satisfaction of the Waste Infrastructure Authority and in accordance with the Waste Infrastructure Authority's *Guidelines for Creation and Submission of ADAC*.

SC8.4 Quality Assurance Construction Report

- (a) Supporting quality assurance documentation and data for the Private Pneumatic Waste Infrastructure is to:
 - (i) be prepared and gathered during construction and installation; and
 - (ii) include the following:

- (A) compaction tests;
 - (B) welding tests;
 - (C) closed circuit television pipe inspection reports;
 - (D) photographs of key components;
 - (E) hold and witness point inspections and checks; and
 - (F) any other quality assurance documentation or data stated in the detailed design and specification documentation for the Private Pneumatic Waste Infrastructure or in a Prescribed Waste Infrastructure Consent.
- (b) An Approved Contractor is to prepare a Quality Assurance Construction Report which is to include the following:
- (i) the supporting quality assurance documentation and data in accordance with subparagraph (a); and
 - (ii) sufficient information to demonstrate that the Private Pneumatic Waste Infrastructure:
 - (A) has been constructed and installed in accordance with the Prescribed Waste Infrastructure Consent and this document; and
 - (B) is capable of safe and functional operation.
- (c) For the purposes of section 2.10(b) the Prescribed Proponent is to give to the Waste Infrastructure Authority a Notice from an Approved Contractor that:
- (i) satisfies section 2.10(b)(i); and
 - (ii) includes a Quality Assurance Construction Report.
- (d) For the purposes of determining whether to give a Prescribed Waste Infrastructure Satisfaction Notice under section 2.11(c)(i), the Waste Infrastructure Authority will receive and consider the Quality Assurance Construction Report and any other relevant document.

Schedule 9 Minimum commissioning standards for the Private Pneumatic Waste Infrastructure

SC9.1 Approved Contractor

The Private Pneumatic Waste Infrastructure is to be commissioned by an Approved Contractor.

SC9.2 Commissioning of the Private Pneumatic Waste Infrastructure

The commissioning of the Private Pneumatic Waste Infrastructure is to:

- (a) prevent the inflow of foreign objects, such as water and dirt, into the pipe network and compressed air tube of the Private Pneumatic Waste Infrastructure; and
- (b) comply with a Prescribed Waste Infrastructure Consent.

SC9.3 Commissioning Report

- (a) An Approved Contractor is to prepare a Commissioning Report which demonstrates compliance with the strategy and details stated in the relevant commissioning plan prepared in accordance with section SC5.5 and is to include sufficient information to demonstrate that the Private Pneumatic Waste Infrastructure:
 - (i) has been commissioned in accordance with the commissioning plan; and
 - (ii) is capable of safe and functional operation.
- (b) For the purposes of section 2.13(b), the Prescribed Proponent is to give to the Waste Infrastructure Authority a Notice which includes the following:
 - (i) a Notice which satisfies section 2.13(b)(i) and section 2.13(b)(iii);
 - (ii) a Commissioning Report.
- (c) For the purposes of determining whether to give a Prescribed Waste Infrastructure Satisfaction Notice under section 2.14(c)(i), the Waste Infrastructure Authority will receive and consider the Commissioning Report and any other relevant document.

Schedule 10 Minimum operation standards for the Private Pneumatic Waste Infrastructure

SC10.1 General requirement to minimise disruptions to the operation of the Private Pneumatic Waste Infrastructure

The Prescribed Proponent is to minimise disruptions to the operation of the Private Pneumatic Waste Infrastructure and is to ensure the following:

- (a) all reasonable action is taken as soon as is reasonably practicable to troubleshoot a matter that is disrupting the operation of the Private Pneumatic Waste Infrastructure;
- (b) when the Private Pneumatic Waste Infrastructure is disrupted or will be disrupted, a Notice is given to the Waste Infrastructure Authority as soon as is reasonably practicable which states that the Private Pneumatic Waste is being disrupted or will be disrupted;
- (c) all reasonable action is taken as soon as is reasonably practicable to comply with a Notice given by the Waste Infrastructure Authority under section SC12.6 or section SC14.1.

SC10.2 General operation of the Private Pneumatic Waste Infrastructure

The Private Pneumatic Waste Infrastructure is to be operated to ensure the following:

- (a) the power supply for the Private Pneumatic Waste Infrastructure is uninterrupted;
- (b) the communication system for the Private Pneumatic Waste Infrastructure is uninterrupted;
- (c) the operation of the Private Pneumatic Waste Infrastructure does not interrupt the operation of the Public Pneumatic Waste Infrastructure.

SC10.3 Disposal of the AWCS Waste

- (a) AWCS Waste is to be disposed of in accordance with a Prescribed Waste Infrastructure Consent and this document.
- (b) AWCS Waste is to be disposed of in the Private Pneumatic Waste Infrastructure and is not to be disposed of in the Private Non Pneumatic Waste Infrastructure.
- (c) AWCS Waste is to only be disposed of in an inlet designated for the relevant AWCS Waste Fraction.

SC10.4 Operation of the discharge valve

The discharge valve for the release of the AWCS Waste from the Private Pneumatic Waste Infrastructure to the Public Pneumatic Waste Infrastructure is only to be operated by the Waste Infrastructure Authority.

SC10.5 Requirements for the display of signage on the Private Pneumatic Waste Infrastructure

The signage for the Private Pneumatic Waste Infrastructure is to:

- (a) be displayed at each inlet;
- (b) be fixed on or above the inlet;
- (c) state the AWCS Waste Fraction for the inlet; and
- (d) be consistent with the Waste Infrastructure Authority's "Automated Waste Collection System – Education and Communication Plan" dated June 2018 (or more recent version).

SC10.6 Safe use of the Private Pneumatic Waste Infrastructure

The Private Pneumatic Waste Infrastructure is to be safe for use.

SC10.7 Education material for the Private Pneumatic Waste Infrastructure

Education material for the use of the Private Pneumatic Waste Infrastructure is to be:

- (a) consistent with the Waste Infrastructure Authority's "Automated Waste Collection System – Education and Communication Plan" dated June 2018 (or more recent version); and
- (b) provided to a user of the Private Pneumatic Waste Infrastructure.

Schedule 11 Minimum operation standards for the Private Non Pneumatic Waste Infrastructure

SC11.1 Disposal of the Non AWCS Waste

- (a) Non AWCS Waste is to be disposed of in accordance with a Prescribed Waste Infrastructure Consent and this document.
- (b) Non AWCS Waste is to be disposed of in the Private Non Pneumatic Waste Infrastructure and is not to be disposed of in the Private Pneumatic Waste Infrastructure.
- (c) Non AWCS Waste being Organic Waste is to be disposed of in the Under Sink Macerator.

SC11.2 Storage and collection of the Non AWCS Waste containers

- (a) Non AWCS Waste is to be disposed of as follows:
 - (i) for Non AWCS Waste other than Organic Waste, in a Non AWCS Waste Receptacle in the Waste Storage Area;
 - (ii) for Non AWCS Waste which is Organic Waste, in the Under Sink Macerator.
- (b) Bulk Glass Waste is not to be emptied or transferred from one Non AWCS Waste Receptacle to another outside of the Waste Storage Area.
- (c) Non AWCS Waste and Non AWCS Waste Receptacles are not to be placed outside of the Waste Storage Area.
- (d) Non AWCS Waste and Non AWCS Waste Receptacles are to be collected from the Non AWCS Waste Service Point.

SC11.3 Requirements for the display of signage on the Private Non Pneumatic Waste Infrastructure

The signage for the Private Non Pneumatic Waste Infrastructure is to:

- (a) be displayed at each Waste Storage Area;
- (b) be fixed on or above the collection point;
- (c) state the Non AWCS Waste Fraction for the collection point; and
- (d) be consistent with the Waste Infrastructure Authority's "Automated Waste Collection System – Education and Communication Plan" dated June 2018 (or more recent version).

SC11.4 Safe use of the Private Non Pneumatic Waste Infrastructure

The Private Non Pneumatic Waste Infrastructure is to be safe for use.

SC11.5 Education material for the Private Non Pneumatic Waste Infrastructure

Education material for the use of the Private Non Pneumatic Waste Infrastructure is to be:

- (a) consistent with the Waste Infrastructure Authority's "Automated Waste Collection System – Education and Communication Plan" dated June 2018 (or more recent version); and
- (b) provided to a user of the Private Non Pneumatic Waste Infrastructure.

Schedule 12 Minimum maintenance standards for the Private Pneumatic Waste Infrastructure

SC12.1 Record keeping and reporting for the maintenance of the Private Pneumatic Waste Infrastructure

The record keeping and reporting for the maintenance of the Private Pneumatic Waste Infrastructure is to be:

- (a) carried out by the Prescribed Proponent;
- (b) kept on the Serviced Premises;
- (c) retained by the Prescribed Proponent for a minimum of five years; and
- (d) provided within 2 Business Days to the Waste Infrastructure Authority upon request.

SC12.2 General maintenance of the Private Pneumatic Waste Infrastructure

The Private Pneumatic Waste Infrastructure is to be maintained:

- (a) in accordance with any relevant law;
- (b) to ensure safe and functional operation;
- (c) in accordance with any relevant Prescribed Waste Infrastructure Consent;
- (d) to comply with any warranty and manufacturer's recommendation;
- (e) to comply with any relevant health, safety and quality standard; and
- (f) to comply with the periodic inspection and servicing requirements identified in Table 5, to be undertaken by the person stated in SC12.3.

Table 5 Minimum maintenance standards for the Private Pneumatic Waste Infrastructure

Column 1 Item or part	Column 2 Type of maintenance	Column 3 Frequency of maintenance
1. Inlet sensors	▪ Check the sensor signal	Monthly
2. Discharge valve sensors	▪ Check the sensor signal	Monthly
3. Discharge valve cylinder	▪ Check for leakage of the compressed air	Monthly
4. Air inlet valve sensors	▪ Check the sensor signal	Monthly
5. Air inlet cylinder	▪ Check for leakage of the compressed air	Monthly

Column 1 Item or part	Column 2 Type of maintenance	Column 3 Frequency of maintenance
6. Roof fan motor	<ul style="list-style-type: none"> ▪ Visual check of the roof fan motor ▪ Check the operation status 	Monthly
7. Discharge valve packing	<ul style="list-style-type: none"> ▪ Check the packing on the disc ▪ Replace the packing when necessary 	Half-yearly
8. Air inlet valve	<ul style="list-style-type: none"> ▪ Visual inspection of the air inlet valve 	Half-yearly
9. Vertical chute	<ul style="list-style-type: none"> ▪ Check the sludge in the vertical chute ▪ Clean sludge from chute when necessary 	Half-Yearly
10. Storage chute	<ul style="list-style-type: none"> ▪ Check for scale in the storage chute ▪ Clean the inside of chute where necessary 	Half-Yearly
11. Inspection opening	<ul style="list-style-type: none"> ▪ Check the inspection opening for air leakage ▪ Replace the gasket where necessary 	Yearly
12. Inlet (hopper) door	<ul style="list-style-type: none"> ▪ Check the cleanliness of inlet (hopper) door and wipe the door and frame with a clean damp cloth ▪ Clean inlet (hopper) door and apply WD40 or CRC where necessary ▪ Vacuum out around the hinged frame corners 	Weekly
	<ul style="list-style-type: none"> ▪ Check function of the interlock 	Yearly

SC12.3 General requirement for maintenance personnel

The Private Pneumatic Waste Infrastructure is to be maintained by an Approved Contractor.

SC12.4 General responsibility for maintenance

The Prescribed Proponent is responsible for the maintenance of the Private Pneumatic Waste Infrastructure and is to ensure the following:

- (a) the Private Pneumatic Waste Infrastructure does not disrupt the operation of the Public Pneumatic Waste Infrastructure;
- (b) the maintenance is completed as soon as is reasonably practicable.

SC12.5 General requirement for a replacement component

A replacement component of the Private Pneumatic Waste Infrastructure is to:

- (a) be an ENVAC proprietary product, non ENVAC proprietary product or another product where identified in Table 3;
- (b) comply with a relevant Prescribed Waste Infrastructure Consent; and
- (c) be installed in a manner which ensures the safe operation of the Private Pneumatic Waste Infrastructure.

SC12.6 Waste Infrastructure Authority may give Notice for maintenance

The Waste Infrastructure Authority may give to the Prescribed Proponent a Notice which states that the Prescribed Proponent is to undertake maintenance of the Private Pneumatic Waste Infrastructure.

SC12.7 Prescribed Proponent to complete maintenance

If the Waste Infrastructure Authority gives a Notice under section SC12.6, the Prescribed Proponent is to, as soon as is reasonably practicable, complete the maintenance of the Private Pneumatic Waste Infrastructure.

SC12.8 Notice to the Waste Infrastructure Authority

The Prescribed Proponent is to as soon as is reasonably practicable give a Notice to the Waste Infrastructure Authority of any maintenance of the Private Pneumatic Waste Infrastructure which:

- (a) may disrupt the operation of the Private Pneumatic Waste Infrastructure;
- (b) for a safety reason requires the Waste Infrastructure Authority to be given Notice of the maintenance; or
- (c) is in response to a request by the Waste Infrastructure Authority to complete the maintenance.

Schedule 13 Minimum maintenance standards for the Private Non Pneumatic Waste Infrastructure

SC13.1 Record keeping and reporting for Private Non Pneumatic Waste Infrastructure

The record keeping and reporting for the Private Non Pneumatic Waste Infrastructure is to be carried out in accordance with a Notice given by the Waste Infrastructure Authority to a Prescribed Proponent.

SC13.2 Monitoring and testing requirements for the Private Non Pneumatic Waste Infrastructure

The Private Non Pneumatic Waste Infrastructure is to be monitored and tested in accordance with a Notice given by the Waste Infrastructure Authority to a Prescribed Proponent.

SC13.3 General maintenance of the Under Sink Macerator

The Under Sink Macerator is to be maintained:

- (a) in accordance with any relevant law;
- (b) to ensure safe and functional operation;
- (c) to comply with any warranty and manufacturer's recommendation; and
- (d) to comply with any relevant health, safety and quality standard.

Schedule 14 Minimum repair standards for the Private Pneumatic Waste Infrastructure

SC14.1 Repair

The repair of the Private Pneumatic Waste Infrastructure is to be carried out in accordance with a Notice given by the Waste Infrastructure Authority to a Prescribed Proponent.

SC14.2 General requirement for repairs

The Prescribed Proponent is responsible for the repair of the Private Pneumatic Waste Infrastructure and is to ensure the following:

- (a) when a repair to the Private Pneumatic Waste Infrastructure is required a Notice is given to the Waste Infrastructure Authority or another entity nominated by the Waste Infrastructure Authority as soon as is reasonably practicable which states the nature of the repair and the strategy for the repair;
- (b) when a repair to the Private Pneumatic Waste Infrastructure has been completed, a Notice is given to the Waste Infrastructure Authority or another entity nominated by the Waste Infrastructure Authority as soon as is reasonably practicable which states the nature of the repair completed and when the repair was completed;
- (c) all repairs involve components which comply with the minimum component standards in Table 3.

Schedule 15 Minimum repair standards for the Private Non Pneumatic Waste Infrastructure

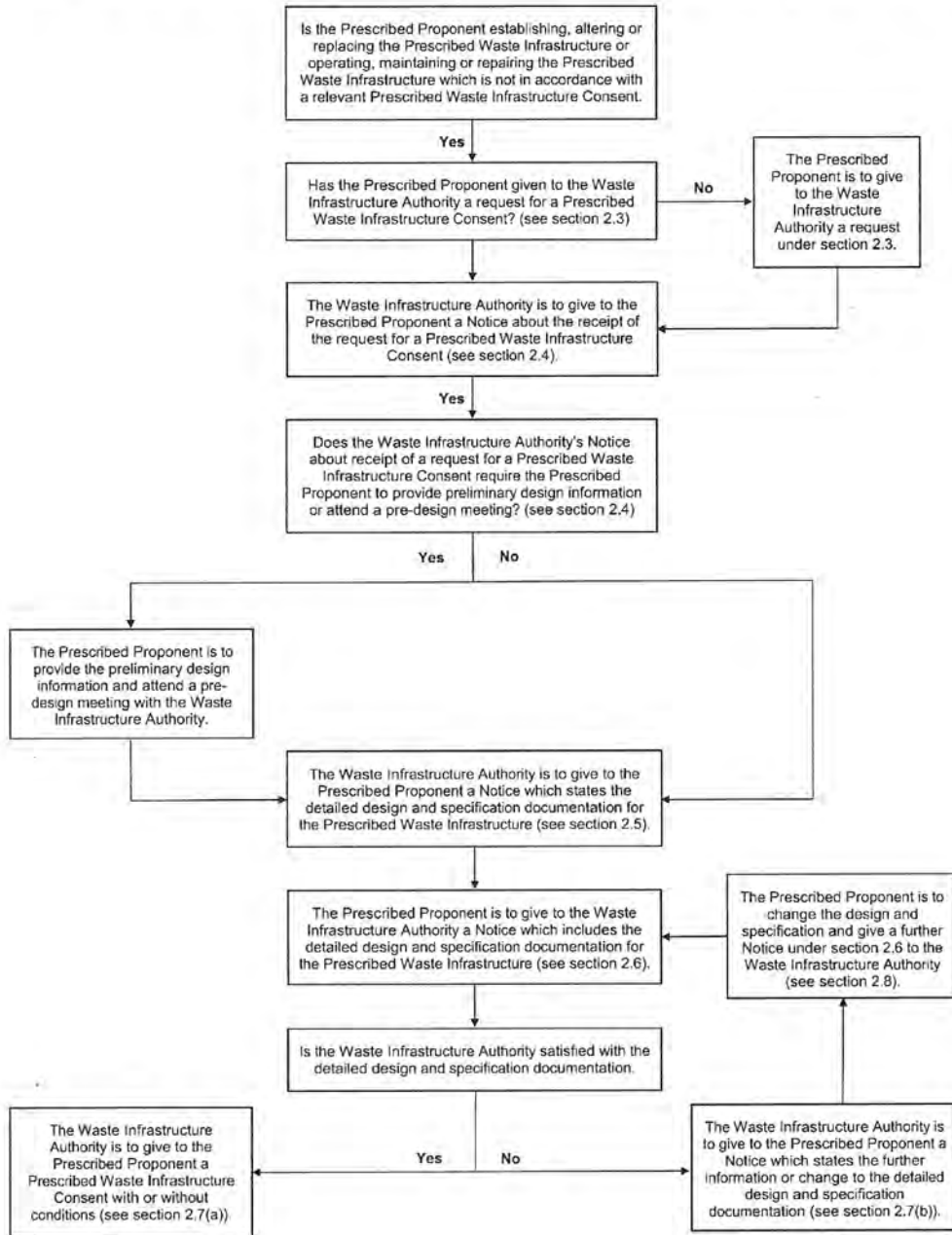
SC15.1 Repair

The repair of the Private Non Pneumatic Waste Infrastructure is to be carried out in accordance with a Notice given by the Waste Infrastructure Authority to a Prescribed Proponent.

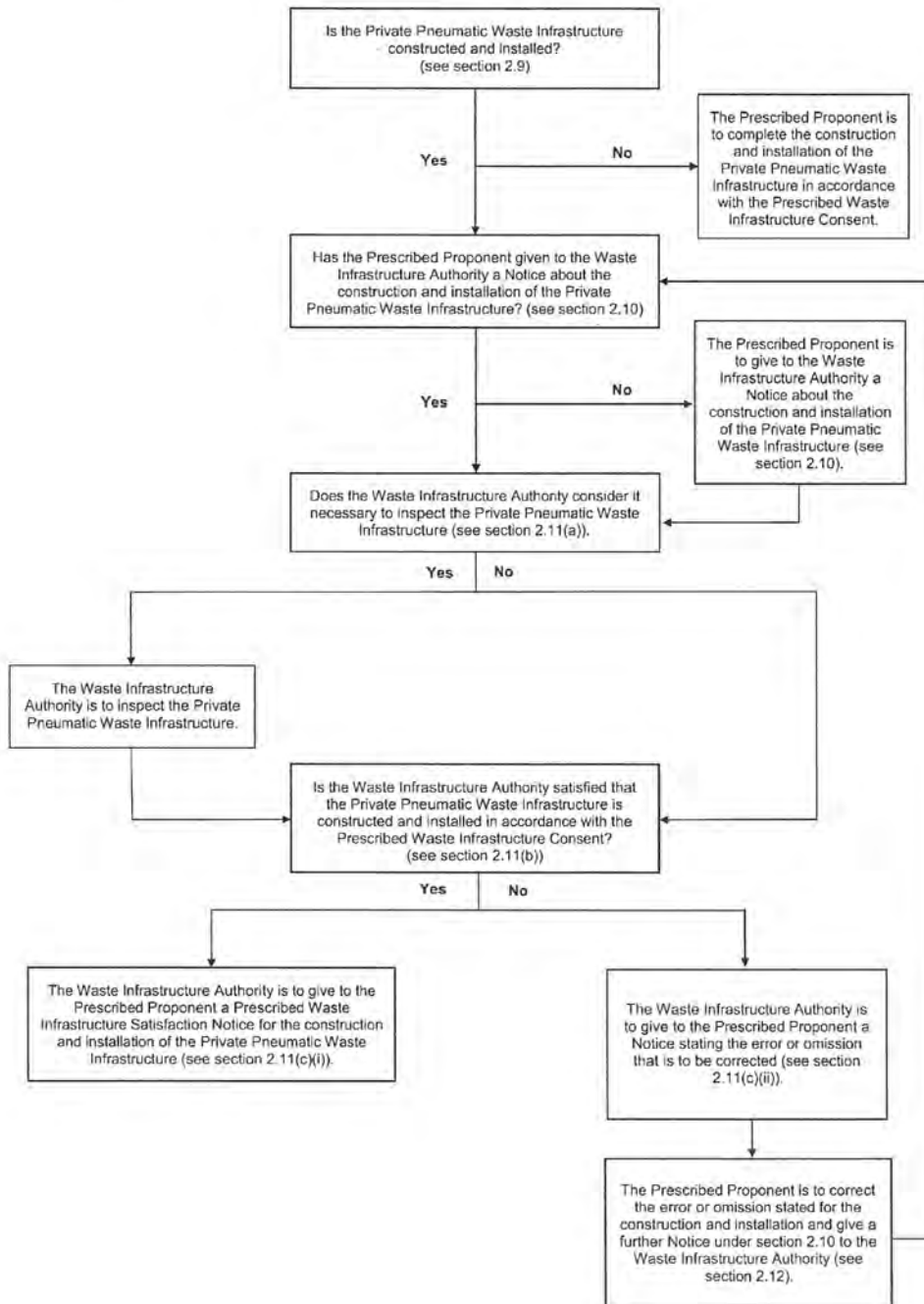
Schedule 16 Conceptual Flow Charts

Column 1 Items in the schedule	Column 2 Description of the items in the schedule
1	Establishment of the Prescribed Pneumatic Waste Infrastructure Activity Flowchart
2	Construction and Installation of the Private Pneumatic Waster Infrastructure Activity Flowchart
3	Commissioning of the Private Pneumatic Waste Infrastructure Activity Flowchart

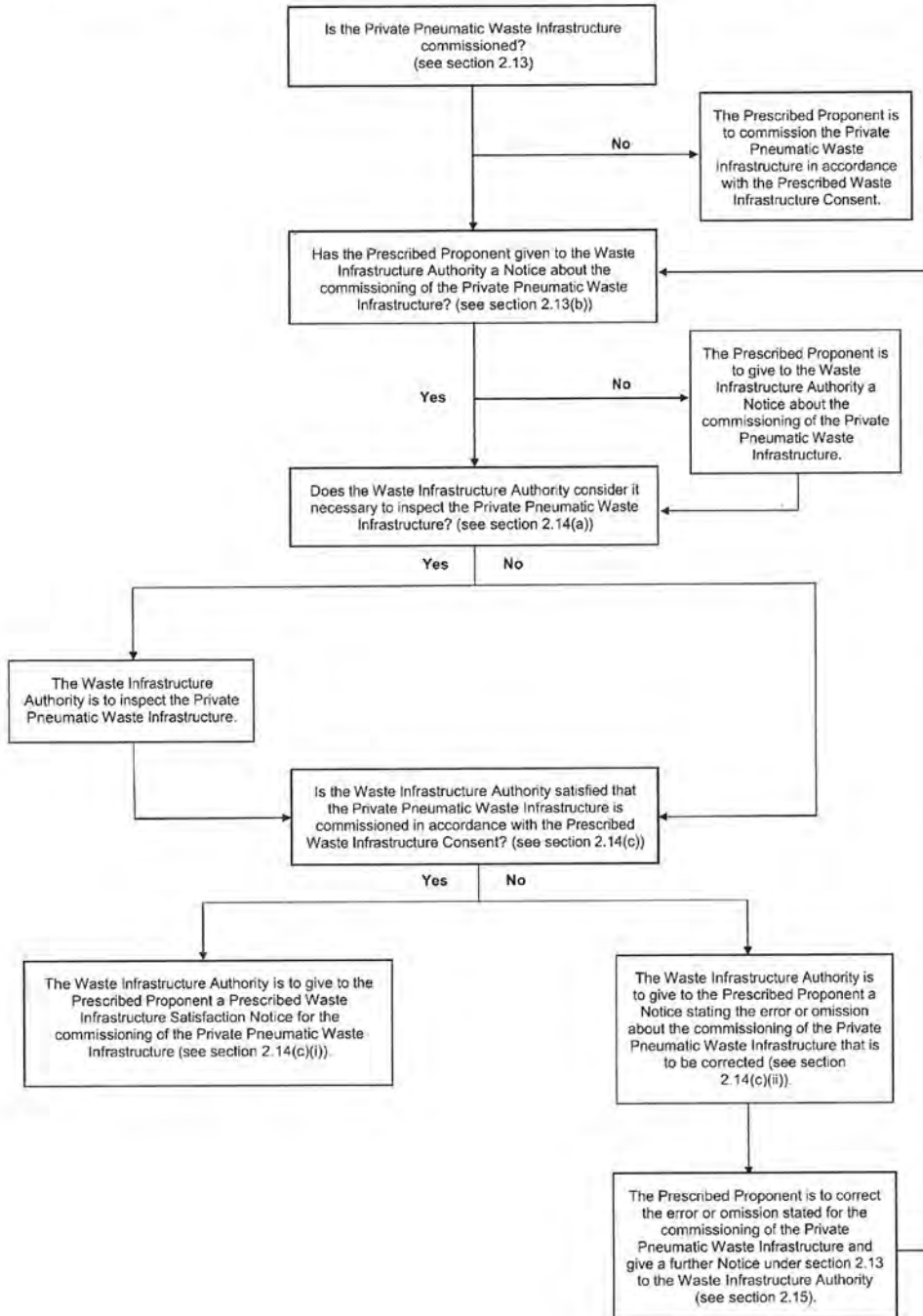
Establishment of the Prescribed Pneumatic Waste Infrastructure Activity Flowchart



Construction and Installation of the Private Pneumatic Waste Infrastructure Activity Flowchart

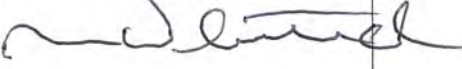


Commissioning of the Private Pneumatic Waste Infrastructure Activity Flowchart



Adoption by the Waste Infrastructure Authority

This table lists the adoption of Prescribed Waste Infrastructure Standards.

Title and version	Adoption date	Chief Executive Officer
Prescribed Waste Infrastructure Standards (No 3) 2019	Adopted on the 17th ^{APRIL} day of 17th 2019 under the resolution of the Sunshine Coast Regional Council made on the 9th day of November 2017.	Name - Michael Whittaker Signature - 

Document history

This table lists the superseded Prescribed Waste Infrastructure Standards.

Prescribed Waste Infrastructure Standards	Commencement date	Replacement date
Prescribed Waste Infrastructure Standards (No 1) 2017	26 May 2017	7 December 2018
Prescribed Waste Infrastructure Standards (No 2) 2018	7 December 2018	17 April 2019
Prescribed Waste Infrastructure Standards (No 3) 2019	17 April 2019	



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