



**TASMANIAN WATER AND SEWERAGE CORPORATION PTY LTD**

**ACN 162 220 653**

**WATER AND SEWERAGE SERVICES PRICE  
DETERMINATION**

**1 JULY 2015 – 30 JUNE 2018**

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The Tasmanian Economic Regulator (the Regulator), having undertaken an investigation into the pricing policies of the Tasmanian Water and Sewerage Corporation Pty Ltd ACN 162 220 653 in regard to its provision of regulated water and sewerage services on mainland Tasmania, in accordance with the *Water and Sewerage Industry Act 2008*, makes the following Determination under section 66 of the Act.

Dated: 9 January 2015

Glenn Appleyard  
**CHAIRMAN**  
**TASMANIAN ECONOMIC REGULATOR**

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## **1. Effective period**

This Determination takes effect on 1 July 2015 and ceases to have effect after 30 June 2018.

## **2. Application**

This Determination applies to the Tasmanian Water and Sewerage Corporation Pty Ltd (ACN 162 220 653) trading as TasWater (hereinafter referred to as 'TasWater') in respect of the regulated services provided by TasWater within Tasmania during the period of this Determination.

In accordance with subsection 67(7) of the *Water and Sewerage Industry Act 2008*, this Determination is binding on TasWater.

## **3. Purpose and Reasons**

The purpose of, and reasons for, the making of this Determination are to:

- a) specify prices and maximum fees and charges which TasWater may charge for regulated services during the regulatory period or the manner in which such prices are to be calculated or otherwise determined; and
- b) reflect the achievement of the Regulator's obligations, and respective price determination requirements, under the *Water and Sewerage Industry Act 2008* and *Water and Sewerage Industry (Pricing and Related Matters) Regulations 2011*.

## **4. Interpretation and Definitions**

### **a) Interpretation**

- i) Unless the contrary intention appears, an expression used in this Determination has the same meaning as it has in the *Water and Sewerage Industry Act 2008*, the *Water and Sewerage Industry (Pricing and Related Matters) Regulations 2011* or in the Tasmanian Water and Sewerage Industry Customer Service Code.
- ii) Any question arising from the interpretation of this Determination shall be determined by the Regulator.

## b) Definitions

In this Determination:

Complaints, enquiries and disputes management policy	means the policy referred to subclause 4.1.2 of Tasmanian Water and Sewerage Industry Customer Service Code
Connection policy	means the policy referred to in subsection 56U(1)(a) of the <i>Water and Sewerage Industry Act 2008</i>
Customer contract	has the same meaning as in the <i>Water and Sewerage Industry Act 2008</i>
Developer charges policy	means the policy referred to in Regulation 8 of the <i>Water and Sewerage Industry (Pricing and Related Matters) Regulations 2011</i>
Financial hardship policy	means the policy referred to subclause 6.4.1 of Tasmanian Water and Sewerage Industry Customer Service Code
Miscellaneous fees and charges	means the fees and charges referred to in regulation 21 of the <i>Water and Sewerage Industry (Pricing and Related Matters) Regulations 2011</i> , namely, all fees and charges that may be charged by TasWater and that are not fixed charges, variable charges, developer charges or service introduction charges
Price and Service Plan	has the same meaning as in the <i>Water and Sewerage Industry Act 2008</i>
PSP Guidelines	means the guidelines issued by the Regulator under subsection 65(7) of the <i>Water and Sewerage Industry Act 2008</i> for the preparation of a proposed Price and Service Plan
Regulatory period	the period from 1 July 2015 to 30 June 2018 inclusive
Service extension and expansion policy	means the policy referred to in subsection 56J(2)(a) of the <i>Water and Sewerage Industry Act 2008</i>

Service introduction charges policy	means the policy referred to in Regulation 9 of the <i>Water and Sewerage Industry (Pricing and Related Matters) Regulations 2011</i>
Service charges policy	means the policy referred to in subsection 68A(1)(a) of the <i>Water and Sewerage Industry Act 2008</i>
Sub-metering policy	means the policy referred to in subclause 4.8.3 of the PSP Guidelines
Tasmanian Water and Sewerage Industry Customer Service Code	means the customer service code issued by the Regulator under subsection 57(1) of the <i>Water and Sewerage Industry Act 2008</i>
TasWater	means the Tasmanian Water and Sewerage Corporation Pty Ltd (ACN 162 220 653)
Trade waste charges policy	means the policy referred to in subclause 4.8.5 of the PSP Guidelines
The Water and Sewerage Industry Price Determination Investigation 2015 Final Report	means the Final Report released by the Regulator in <month> 2015 after the completion of the Water and Sewerage Industry Price Determination Investigation in relation to the provision of regulated services by TasWater

## 5. Requirement to comply with Price and Service Plan

- a) TasWater must comply with the Price and Service Plan as approved by the Regulator.
- b) The Price and Service Plan, submitted by TasWater to the Regulator for approval, must comply with the *Water and Sewerage Industry Act 2008*, the *Water and Sewerage Industry (Pricing and Related Matters) Regulations 2011* and the PSP Guidelines.
- c) The Price and Service Plan, submitted by TasWater to the Regulator for approval, must be consistent with the Regulator's decisions and requirements in the Water and Sewerage Industry Price Determination Investigation 2015 Final Report.
- d) The Price and Service Plan, submitted by TasWater to the Regulator for approval, must include any customer contracts and the following prescribed policies:
  - i) Connection policy;
  - ii) Developer charges policy ;
  - iii) Service extension and expansion policy;
  - iv) Service introduction charges policy;
  - v) Service charges policy;
  - vi) Sub-metering policy;
  - vii) Trade waste charges policy;
  - viii) Complaints, enquiries and disputes management policy; and
  - ix) Final hardship policy.
- e) The Price and Service Plan, submitted by TasWater to the Regulator for approval, must include:
  - i) a description of the land, whether identified by individual title or by locality, TasWater will permit to be connected to its water infrastructure or sewerage infrastructure;
  - ii) all miscellaneous fees and charges; and
  - iii) all anticipated changes, over time, of any prices specified in the Price and Service Plan.

## **6. Requirement to apply prices as determined**

- a) TasWater must apply prices calculated in accordance with the pricing methodologies as set out in Schedule 1 and the prices as set out in Schedule 2 to this Determination.
- b) TasWater must not charge for trade waste more than the charges for trade waste as set out in Schedule 3 to this Determination.
- c) TasWater must not charge for miscellaneous services more than the miscellaneous fees and charges as set out in the Price and Service Plan as approved by the Regulator.

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## Schedule 1 – Pricing Methodologies

### Assumptions

$C_{FS}$  = Fire Service connection multiplier

$C_m$  = Water connection multiplier

$ET$  = Equivalent Tenement

$F$  = Fixed Charge

$FS$  = Fire Service Fixed Charge

$S$  = Sewerage

$SF_{\Delta}$  = Sewerage Fixed Charge Delta

$t$  = target

$TW$  = Trade Waste

$V$  = Variable Charge (\$/kL)

$W$  = Water

$WF_{\Delta}$  = Water Fixed Charge Delta

$*$  = Annual change

$_0$  = 2014-15

$_1$  = 2015-16

$_2$  = 2016-17

$_3$  = 2017-18

### Examples

$V_0$  = Variable Charge for 2014-15

$WFt_1$  = Water Fixed Charge target for 2015-16

### Variable charge (V)

If  $V_0 \geq Vt_0$

Then:

#### 2015-16 Variable charge

$$V_1 = Vt_1$$

#### 2016-17 Variable charge

$$V_2 = Vt_2$$

#### 2017-18 Variable charge

$$V_3 = Vt_3$$

If  $V_0 < Vt_0$

Then:

$$V_* = \frac{(Vt_3 - V_0)}{3}$$

$$V_1 = V_0 + V_*$$

$$V_2 = V_1 + V_*$$

$$V_3 = V_2 + V_* = Vt_3$$

<b>Trade Waste (TW)</b>	
If $TW_0 = TWt_0$ Then:	If $TW_0 \neq TWt_0$ Then: $TW_* = \frac{(TWt_3 - TW_0)}{3}$
2015-16 Fixed charges $TW_1 = TWt_1$	$TW_1 = TW_0 + TW_*$
2016-17 Fixed charges $TW_2 = TWt_2$	$TW_2 = TW_1 + TW_*$
2017-18 Fixed charges $TW_3 = TWt_3$	$TW_3 = TW_2 + TW_*(= TWt_3)$

<b>Customers with both water and sewerage services</b>				
Actual 2014-15 fixed charges relative to 2015-16 fixed charges <b>target tariffs</b>				
<b>Customer Group</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Water	<i>Above</i>	<i>Below</i>	<i>Above</i>	<i>Below</i>
Sewerage	<i>Above</i>	<i>Below</i>	<i>Below</i>	<i>Above</i>
<b>Customers with either water or sewerage service (one service only)</b>				
Actual 2014-15 fixed charge relative to 2015-16 fixed charges <b>target tariffs</b>				
<b>Customer Group</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
Water	<i>Above – see Group 1 Water calculations</i>			<i>Below</i>
Sewerage		<i>Above – see Group 1 Sewerage calculations</i>	<i>Below</i>	

**Group 1**

Actual 2014-15 fixed charges for both water and sewerage services are **above** 2015-16 water and sewerage fixed charge target tariffs.

$$\text{If } (WF_0 \geq WFt_1) \text{ and } (SF_0 \geq SFt_1)$$

Then :

**2015-16 Fixed charges**

Water

$$WF_1 = WFt_1$$

Sewerage

$$SF_1 = SFt_1$$

**2016-17 Fixed charges**

Water

$$WF_2 = WFt_2$$

Sewerage

$$SF_2 = SFt_2$$

**2017-18 Fixed charges**

Water

$$WF_3 = WFt_3$$

Sewerage

$$SF_3 = SFt_3$$

**Group 2**

Actual 2014-15 fixed charges for both water and sewerage services are **below** 2015-16 water and sewerage fixed charge target tariffs.

$$\text{If } (WF_0 < WFt_1) \text{ and } (SF_0 < SFt_1)$$

Then:

$$WF_{\Delta} = \frac{((WFt_1 * C_m) - WF_0) * \$100}{((WFt_1 * C_m) - WF_0) + ((SFt_1 * ET) - SF_0)}$$

$$SF_{\Delta} = \frac{((SFt_1 * ET) - SF_0) * \$100}{((WFt_1 * C_m) - WF_0) + ((SFt_1 * ET) - SF_0)}$$

**2015-16 Fixed Charges**

Water

$$\text{If } (WFt_1 * C_m) - WF_0 \leq \text{maximum of } [(WF_{\Delta} * C_m) \text{ or } (WF_0 * 0.1)]$$

$$\text{Then } WF_1 = WFt_1$$

$$\text{If } (WFt_1 * C_m) - WF_0 > \text{maximum of } [(WF_{\Delta} * C_m) \text{ or } (WF_0 * 0.1)]$$

$$\text{Then } WF_1 = WF_0 + \text{maximum of } [(WF_{\Delta} * C_m) \text{ or } (WF_0 * 0.1)]$$

Sewerage

$$\text{If } (SFt_1 * ET) - SF_0 \leq \text{maximum of } [(SF_{\Delta} * ET) \text{ or } (SF_0 * 0.1)]$$

$$\text{Then } SF_1 = SFt_1$$

$$\text{If } (SFt_1 * ET) - SF_0 > \text{maximum of } [(SF_{\Delta} * ET) \text{ or } (SF_0 * 0.1)]$$

$$\text{Then } SF_1 = SF_0 + \text{maximum of } [(SF_{\Delta} * ET) \text{ or } (SF_0 * 0.1)]$$

**Group 2****2016-17 Fixed Charges****Water**

$$\text{If } WF_1 = WFt_1$$

$$\text{Then } WF_2 = WFt_2$$

$$\text{If } (WFt_2 * C_m) - WF_0 \leq \text{maximum of } [(WF_\Delta * C_m) \text{ or } (WF_1 * 0.1)]$$

$$\text{Then } WF_2 = WFt_2$$

$$\text{If } (WFt_2 * C_m) - WF_1 > \text{maximum of } [(WF_\Delta * C_m) \text{ or } (WF_1 * 0.1)]$$

$$\text{Then } WF_2 = WF_1 + \text{maximum of } [(WF_\Delta * C_m) \text{ or } (WF_1 * 0.1)]$$

**Sewerage**

$$\text{If } SF_1 = SFt_1$$

$$\text{Then } SF_2 = SFt_2$$

$$\text{If } (SFt_2 * ET) - SF_1 \leq \text{maximum of } [(SF_\Delta * ET) \text{ or } (SF_1 * 0.1)]$$

$$\text{Then } SF_2 = SFt_2$$

$$\text{If } (SFt_2 * ET) - SF_1 > \text{maximum of } [(SF_\Delta * ET) \text{ or } (SF_1 * 0.1)]$$

$$\text{Then } SF_2 = SF_1 + \text{maximum of } [(SF_\Delta * ET) \text{ or } (SF_1 * 0.1)]$$

**2017-18 Fixed Charges****Water**

$$\text{If } WF_2 = WFt_2$$

$$\text{Then } WF_3 = WFt_3$$

$$\text{If } (WFt_3 * C_m) - WF_2 \leq \text{maximum of } [(WF_\Delta * C_m) \text{ or } (WF_2 * 0.1)]$$

$$\text{Then } WF_1 = WFt_1$$

$$\text{If } (WFt_3 * C_m) - WF_2 > \text{maximum of } [(WF_\Delta * C_m) \text{ or } (WF_2 * 0.1)]$$

$$\text{Then } WF_3 = WF_2 + \text{maximum of } [(WF_\Delta * C_m) \text{ or } (WF_2 * 0.1)]$$

**Sewerage**

$$\text{If } SF_2 = SFt_2$$

$$\text{Then } SF_3 = SFt_3$$

$$\text{If } (SFt_3 * ET) - SF_2 \leq \text{maximum of } [(SF_\Delta * ET) \text{ or } (SF_2 * 0.1)]$$

$$\text{Then } SF_3 = SFt_3$$

$$\text{If } (SFt_3 * ET) - SF_2 > \text{maximum of } [(SF_\Delta * ET) \text{ or } (SF_2 * 0.1)]$$

$$\text{Then } SF_3 = SF_2 + \text{maximum of } [(SF_\Delta * ET) \text{ or } (SF_2 * 0.1)]$$

**Group 3**

Actual 2014-15 fixed charge for water is **above** 2015-16 water fixed charge target tariff  
 Actual 2014-15 fixed charge for sewerage is **below** 2015-16 sewerage fixed charge target tariff

$$\text{If } (WF_0 \geq WFt_1) \text{ and } (SF_0 < SFt_1)$$

Then:

**2015-16 Fixed Charges**

*Water*

$$WF_1 = WFt_1$$

*Sewerage*

$$\text{If } (SFt_1 * ET) - SF_0 \leq (ET * \$100)$$

$$\text{Then } SF_1 = SFt_1$$

$$\text{If } (SFt_1 * ET) - SF_0 > (ET * \$100)$$

$$\text{Then } SF_1 = SF_0 + (ET * \$100)$$

**2016-17 Fixed Charges**

*Water*

$$WF_2 = WFt_2$$

*Sewerage*

$$\text{If } SF_1 = SFt_1$$

$$\text{Then } SF_2 = SFt_2$$

$$\text{If } (SFt_2 * ET) - SF_1 \leq (ET * \$100)$$

$$\text{Then } SF_2 = SFt_2$$

$$\text{If } (SFt_2 * ET) - SF_1 > (ET * \$100)$$

$$\text{Then } SF_2 = SF_1 + (ET * \$100)$$

**2017-18 Fixed Charges**

*Water*

$$WF_3 = WFt_3$$

*Sewerage*

$$\text{If } SF_2 = SFt_2$$

$$\text{Then } SF_3 = SFt_3$$

$$\text{If } (SFt_3 * ET) - SF_2 \leq (ET * \$100)$$

$$\text{Then } SF_3 = SFt_3$$

$$\text{If } (SFt_3 * ET) - SF_2 > (ET * \$100)$$

$$\text{Then } SF_3 = SF_2 + (ET * \$100)$$

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**Group 4**


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Actual 2014-15 fixed charge for water is **below** 2015-16 water fixed charge target tariff  
 Actual 2014-15 fixed charge for sewerage is **above** 2015-16 sewerage fixed charge target tariff

$$\text{If } (WF_0 < WFt_1) \text{ and } (SF_0 \geq SFt_1)$$

Then:

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**2015-16 Fixed Charges**


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**Water**

$$\text{If } (WFt_1 * C_m) - WF_0 \leq (C_m * \$100)$$

$$\text{Then } WF_1 = WFt_1$$

$$\text{If } (WFt_1 * C_m) - WF_0 > (C_m * \$100)$$

$$\text{Then } WF_1 = WF_0 + (C_m * \$100)$$

**Sewerage**

$$SF_1 = SFt_1$$

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**2016-17 Fixed Charges**


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**Water**

$$\text{If } WF_1 = WFt_1$$

$$\text{Then } WF_2 = WFt_2$$

$$\text{If } (WFt_2 * C_m) - WF_1 \leq (C_m * \$100)$$

$$\text{Then } WF_2 = WFt_2$$

$$\text{If } (WFt_2 * C_m) - WF_1 > (C_m * \$100)$$

$$\text{Then } WF_2 = WF_1 + (C_m * \$100)$$

**Sewerage**

$$SF_2 = SFt_2$$

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**2017-18 Fixed Charges**


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**Water**

$$\text{If } (WFt_3 * C_m) - WF_2 \leq (C_m * \$100)$$

$$\text{Then } WF_3 = WFt_3$$

$$\text{If } (WFt_3 * C_m - WF_2) > (C_m * \$100)$$

$$\text{Then } WF_3 = WF_2 + (C_m * \$100)$$

**Sewerage**

$$SF_3 = SFt_3$$


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**Group 7**

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Customers with sewerage service only. Actual 2014-15 fixed charge for sewerage is **below** 2015-16 sewerage fixed charge target tariff

If  $(SF_0 < SFt_1)$

Then:

**2015-16 Fixed Charges**

If  $(SFt_1 * ET) - SF_0 \leq \text{maximum of } [(ET * \$50) \text{ or } (SF_0 * 0.1)]$

Then  $SF_1 = SFt_1$

If  $(SFt_1 * ET) - SF_0 > \text{maximum of } [(ET * \$50) \text{ or } (SF_0 * 0.1)]$

Then  $SF_1 = SF_0 + \text{maximum of } [(ET * \$50) \text{ or } (SF_0 * 0.1)]$

**2016-17 Fixed Charges**

If  $SF_1 = SFt_1$

Then  $SF_2 = SFt_2$

If  $(SFt_2 * ET) - SF_1 \leq \text{maximum of } [(ET * \$50) \text{ or } (SF_1 * 0.1)]$

Then  $SF_2 = SFt_2$

If  $(SFt_2 * ET) - SF_1 > \text{maximum of } [(ET * \$50) \text{ or } (SF_1 * 0.1)]$

Then  $SF_2 = SF_1 + \text{maximum of } [(ET * \$50) \text{ or } (SF_1 * 0.1)]$

**2017-18 Fixed Charges**

If  $SF_2 = SFt_2$

Then  $SF_3 = SFt_3$

If  $(SFt_3 * ET) - SF_2 \leq \text{maximum of } [(ET * \$50) \text{ or } (SF_2 * 0.1)]$

Then  $SF_3 = SFt_3$

If  $(SFt_3 * ET) - SF_2 > \text{maximum of } [(ET * \$50) \text{ or } (SF_2 * 0.1)]$

Then  $SF_3 = SF_2 + \text{maximum of } [(ET * \$50) \text{ or } (SF_2 * 0.1)]$

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**Group 8**

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Customers with water service only. Actual 2014-15 fixed charge for water is **below** 2015-16 water fixed charge target tariff

$$\text{If } (WF_0 < WFt_1)$$

Then:

**2015-16 Fixed Charges**

$$\text{If } (WFt_1 * C_m) - WF_0 \leq (C_m * \$50)$$

$$\text{Then } WF_1 = WFt_1$$

$$\text{If } (WFt_1 * C_m) - WF_0 > (C_m * \$50)$$

$$\text{Then } WF_1 = WF_0 + (C_m * \$50)$$

**2016-17 Fixed Charges**

$$\text{If } WF_1 = WFt_1$$

$$\text{Then } WF_2 = WFt_2$$

$$\text{If } (WFt_2 * C_m) - WF_1 \leq (C_m * \$50)$$

$$\text{Then } WF_2 = WFt_2$$

$$\text{If } (WFt_2 * C_m) - WF_1 > (C_m * \$50)$$

$$\text{Then } WF_2 = WF_1 + (C_m * \$50)$$

**2017-18 Fixed Charges**

$$\text{If } (WFt_3 * C_m) - WF_2 \leq (C_m * \$50)$$

$$\text{Then } WF_3 = WFt_3$$

$$\text{If } (WFt_3 * C_m - WF_2) > (C_m * \$50)$$

$$\text{Then } WF_3 = WF_2 + (C_m * \$50)$$


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**Fire Service Fixed Charge (FS)**


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$$FSt_1 = Wft_1 * 0.25$$

**2015-16 Fire Service Fixed Charge**

If  $FS_0 \geq FSt_1$

Then  $FS_1 = FSt_1$

If  $FS_0 < FSt_1$

Then:

If  $(FSt_1 * C_{FS}) - FS_0 \leq \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_0 * 0.1)]$

Then  $FS_1 = FSt_1$

If  $(FSt_1 * C_{FS}) - FS_0 > \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_0 * 0.1)]$

Then  $FS_1 = FS_0 + \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_0 * 0.1)]$

**2016-17 Fire Service Fixed Charge**

If  $FS_1 = FSt_1$

Then  $FS_2 = FSt_2$

If  $(FSt_2 * C_{FS}) - FS_1 \leq \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_1 * 0.1)]$

Then  $FS_2 = FSt_2$

If  $(FSt_2 * C_{FS}) - FS_1 > \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_1 * 0.1)]$

Then  $FS_2 = FS_1 + \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_1 * 0.1)]$

**2017-18 Fire Service Fixed Charge**

If  $FS_2 = FSt_2$

Then  $FS_3 = FSt_3$

If  $(FSt_3 * C_{FS}) - FS_2 \leq \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_2 * 0.1)]$

Then  $FS_3 = FSt_3$

If  $(FSt_3 * C_{FS}) - FS_2 > \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_2 * 0.1)]$

Then  $FS_3 = FS_2 + \text{maximum of } [(C_{FS} * \$50) \text{ or } (FS_2 * 0.1)]$

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## Schedule 2 – Prices

**Table 1 Target tariffs – Fixed water charges (nominal dollars)**

Connection size	2015-16	2016-17	2017-18
20 mm	329.48	329.48	329.48

These tariffs apply to customers with a standard 20 mm connection. Customers with larger connections need to apply the connection size multipliers contained in Table 3 to calculate their individual target tariffs for each year of the regulatory period.

**Table 2 Target tariffs - Fire service fixed charge (nominal dollars)**

Connection size	2015-16	2016-17	2017-18
20 mm	82.36	82.36	82.36

These tariffs apply to customers with a standard 20 mm connection. Customers with larger connections need to apply the connection size multipliers contained in Table 3 to calculate their individual target tariffs for each year of the regulatory period.

**Table 3 Connection size multipliers**

Connection size (mm)	Multiplier
20	1.00
25	1.56
30	2.25
32	2.56
40	4.00
50	6.25
65	10.56
75	14.06
80	16.00
100	25.00
150	56.25
200	100.00
250	156.25

**Table 4 Target tariffs – Variable water charges (nominal dollars)**

	2015-16	2016-17	2017-18
Water of drinking water quality (\$/kL)	0.9711	0.9954	1.0202
Water not of drinking water quality (\$/kL) <sup>Note 1</sup>	0.7769	0.7963	0.8162

Note 1: This variable water charge represents the 'Limited Water Quality' target tariff.

**Table 5 Target tariffs – Sewerage charges (nominal dollars)**

	2015-16	2016-17	2017-18
Fixed – Per Equivalent Tenement (ET)	562.68	596.44	632.24

**Table 6 Target tariffs - Motor home dump points (nominal dollars)**

	2015-16	2016-17	2017-18
Fixed sewerage (One ET)	562.68	596.44	632.24

**Table 7 Target tariffs – Limited water supply customers (nominal dollars)**

Water connection size	2015-16	2016-17	2017-18
20 mm	296.52	296.52	296.52

These tariffs apply to customers with a standard 20 mm connection. Customers with larger connections need to apply the connection size multipliers contained in Table 3 to calculate their individual target tariffs for each year of the regulatory period.

**Table 8 Private Filling Stations (nominal dollars)**

	2015-16	2016-17	2017-18
Fixed charge per annum	329.48	329.48	329.48
Volumetric Charge (\$/kL)	0.9711	0.9954	1.0202

The fixed charge applies to customers with a standard 20 mm connection. The fixed charge for customers with larger connections for each year of the regulatory period is calculated by applying the connection size multipliers contained in Table 3.

**Table 9 Public Filling Stations – e-card and registered keys (nominal dollars)**

	2015-16	2016-17	2017-18
Volumetric Charge (\$/kL)	1.467	1.5165	1.5727
e-card credit top up (processing fee)	\$5.50	\$5.63	\$5.77
Security deposit (one-off fee)	\$50.00	\$50.00	\$50.00

**Table 10 Public Filling Stations – 500L tokens (nominal dollars)**

	2015-16	2016-17	2017-18
Total charge per token	\$0.7313	\$0.7582	\$0.7863

**Table 11 Portable Metered Standpipes (nominal dollars)**

	2015-16	2016-17	2017-18
Fixed Charge	329.48	329.48	329.48
Volumetric Charge (\$/kL)	0.9711	0.9954	1.0202

The fixed charge applies to customers with a standard 20 mm connection. The fixed charge for customers with larger connections for each year of the regulatory period is calculated by applying the connection size multipliers contained in Table 3.

### Schedule 3 – Charges for Trade Waste

Charges by customer category and type of charge (nominal dollars) <sup>Note 1</sup>

Trade Waste Category	Application Fee	Annual Target Tariff	Non-Compliance Charge (Minor)	Non-Compliance Charge (Major)
1	\$134.80	\$520.76	\$1 041.54	\$1 562.28
2A	\$134.80	\$853.60	\$1 707.16	\$2 560.76
2B	\$134.80	\$1 197.80	\$2 395.60	\$3 593.40
2C	\$134.80	\$1 796.40	\$3 592.84	\$5 389.28

Note 1: These charges are to apply in 2015-16. The charges are to be increased by 2.5 per cent in each of the 2016-17 and 2017-18 financial years to account for inflation.

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