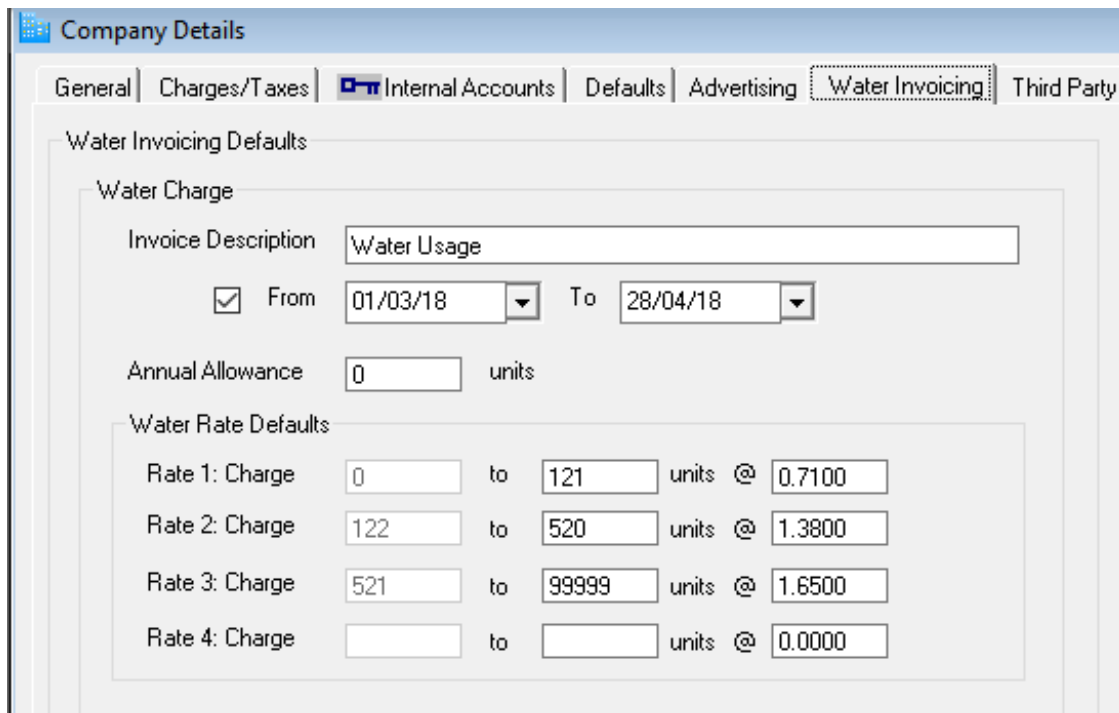


## Water Usage Calculations in Rest Professional

**Important Note:** All charges in REST are based on annual charges. As a result you must enter the rates into REST as annually. If you have the quarterly rates, you need to enter into REST as the quarterly rates x 4.



**Company Details**

General | Charges/Taxes | Internal Accounts | Defaults | Advertising | **Water Invoicing** | Third Party

Water Invoicing Defaults

Water Charge

Invoice Description: Water Usage

From: 01/03/18 To: 28/04/18

Annual Allowance: 0 units

Water Rate Defaults

Rate 1: Charge	0	to	121	units @	0.7100
Rate 2: Charge	122	to	520	units @	1.3800
Rate 3: Charge	521	to	99999	units @	1.6500
Rate 4: Charge		to		units @	0.0000

1st Charge units ÷ 365 x number of days in invoice = units chargeable at first rate

(2nd Charge units – 1st charge units) ÷ 365 x no. of days in invoice = units chargeable at second rate

(3rd Charge units – 2nd charge units) ÷ 365 x no. of days in invoice = units chargeable at third rate

Anything over 3rd charge units at charge rate above

An annual allowance is applicable in some states, usually 136kL per year. The allowance is the amount of units per year the tenant doesn't have to pay water usage on. Eg if tenant has used total of 360kL in a year they will only pay for 224kL. Because the allowance is annual the below calculations is used to get an allowance amount for the invoice period. - Annual Allowance ÷ 365 x number of days in invoice period = allowance for this invoice.

## EXAMPLE 1 – NO ALLOWANCE

Last reading 1256kL on 23/11/07 Invoice period = 92 days

Current reading 1398kL on 23/02/08 Units used = 142kL

First Tier  $121 \div 365 \times 92 = 30.4986$ ,

Second Tier  $398 \div 365 \times 92 = 100.3178$ ,

Third Tier anything over 520,

First tier  $30.4986 \times 0.71 = 21.65440$

Second tier  $100.3178 \times 1.38 = 138.4386$

Third Tier  $11.18356 \times 1.65 = 18.4529$  Total bill \$178.55

## EXAMPLE 2 - WITH ALLOWANCE (a)

Last reading 1256kL on 23/11/07 Invoice period = 92 days

Current reading 1398kL on 23/02/08 Units used = 142

Allowance for invoice  $34.2795 = 136 \div 365 \times 92$

First Tier  $121 \div 365 \times 92 = 30.4986$ , 0 due to allowance (Allow. Bal 3.7809)

Second Tier  $398 \div 365 \times 92 = 100.3178$ ,  $100.3178 - 3.7809 = 96.5369$

Third Tier anything over 520,  $142 - (30.4986 + 100.3178) = 11.18356$

First tier  $0 \times 0.71 = \$0$

Second tier  $96.5369 \times 1.38 = 133.2209$

Third Tier  $11.18356 \times 1.65 = 18.4529$  Total bill \$151.67

## EXAMPLE 3 - WITH ALLOWANCE (b)

Last reading 1398kL on 23/02/08 Invoice period = 103 days

Current reading 1649kL on 05/06/08 Units used = 251kL

Allowance for invoice  $38.3781 = 136 \div 365 \times 103$

First Tier  $121 \div 365 \times 103 = 34.1452$ , 0 due to allowance (Allow. Bal 4.2329)

Second Tier  $398 \div 365 \times 103 = 112.3123$ ,  $112.3123 - 4.2329 = 108.0794$

Third Tier anything over 520,  $251 - (34.1452 + 112.3123) = 104.5425$

First tier  $0 \times 0.71 = 0$

Second tier  $108.0794 \times 1.38 = 149.1496$

Third Tier  $104.5425 \times 1.65 = 172.4951$  Total bill \$321.64



These examples are purely given as a guide

02/05/2018 10:06 pm AEST