

# Water Rent Estimator: Help Topics

## USER INPUTS

### Rental Year

Select the year for the rent estimate from the drop down menu.

### Water Use Purpose or PCL Type

Select the water use purpose or the PCL (permits over Crown Land) type for the rent estimate from the drop down menu.

### Enter Licensed Quantity

Enter a volume of water, as stipulated on your water licence.

OR

Enter an area of land as stipulated on your permit over Crown land (PCL), which accompanies some water licences.

### Volume/Rate

**Imperial** units for water volume (water licences): acre-feet per annum, cubic-feet per second, gallons per day, and gallons per year.

**Metric** units for water volume (water licences): cubic metres per year, cubic metres per second, cubic metres per day, and cubic metres per annum.

Most Water Use Purposes will have only one associated licensed volume/rate. In this case the Imperial volume/rate will automatically be inserted for conversion to metric, but can be changed to the metric volume/rate for conversion to Imperial.

For example, water licences issued for domestic purposes will display a volume/rate in gallons per day.

However, for some water use purposes (such as power-residential) different water volume measures are used and the user will have to provide the specific Imperial water volume/rate (see above). Check your water licence to find the appropriate volume/rate.

### PCL Area

**Imperial** units for land area (permits over Crown land, PCL): acres.

**Metric** units for land area (permits over Crown land, PCL): hectares

## OUTPUTS

### Estimated Metric Quantity

This output box provides corresponding metric volume/rates and area units.

All Imperial water volume/rates are converted to their approximate metric equivalents in cubic metres - rounded to five significant figures.

For example, a domestic licence which authorizes 500 gallons per day will be shown as 2.27305 cubic metres per day; an irrigation licence which authorizes 1 acre-foot per annum will be shown as 1,233.48 cubic metres per annum; and a licence (or a short-term use approval) for placer mining which authorizes 1 cubic-foot per second will be shown as 0.02832 cubic metres per second.

All Imperial area units - for example, used in permits over Crown land (PCL) - will be converted to their equivalent in hectares, rounded to five significant figures.

For example, a PCL which authorizes 0.40469 hectares will be converted to 1.00001 acres.

### Estimated Imperial Quantity

This output box provides corresponding Imperial volume/rates and area units.

All metric water volume/rates are converted to their approximate Imperial equivalents - rounded to five significant figures.

For example, a domestic licence which authorizes 2.27305 cubic metres per day will be shown as 500.0011 gallons per day; an irrigation licence which authorizes 1,233.48 cubic metres per annum will be shown as 0.99912 acre-feet per annum; and a licence (or a short-term use approval) for placer mining which authorizes 0.02832 cubic metres per second will be shown as 1.00011 cubic-feet per second.

All metric area units - for example, used in permits over Crown land (PCL) - will be converted to their equivalent in acres, rounded to five significant figures.

For example, a PCL which authorizes 0.40469 hectares will be converted to 1.00001 acres.

### Annual Estimated Metric Quantity

The water rent structure determines rents based on the amount of water which is authorized to be diverted, stored, or used annually. All water volume/rates are converted to an annual amount in cubic metres per year.

For example, a water licence for domestic purpose which authorizes 500 gallons day (2.27305 cubic metres a day), is equivalent to 829.66143 cubic metres per year; a water licence for irrigation purpose which authorizes 1 acre-foot per annum is equivalent to 1,233.48 cubic metres per annum; and a licence

(or a short-term use approval) for placer mining which authorizes 1 cubic-foot per second (0.02832 cubic metres per second) is equivalent to 892,998.6048 cubic metres per year.

Rents for permits over Crown land (PCL) are assessed annually in hectares.

### **Annual Estimated Imperial Quantity**

The water rent structure determines rents based on the amount of water which is authorized to be diverted, stored, or used annually. All water volume/rates are converted to an annual amount in cubic metres per year. The Imperial quantities can be converted from the metric values.

For example, a water licence for domestic purpose which authorizes 2.27305 cubic metres a day, is equivalent to 500.0011 gallons per day, or 182,500.40286 gallons per year; a water licence for irrigation purpose which authorizes 1,233.48 cubic metres per annum is equivalent to 0.99912 acre-feet per annum; and a licence (or a short-term use approval) for placer mining which authorizes 0.02832 cubic metres per second is equivalent to 1.00011 cubic-feet per second, or 31,539,514.82596 cubic-feet per year.

Rents for permits over Crown land (PCL) are assessed annually in hectares, which can be converted to acres.

### **Annual Rental Rate (with minimum rent)**

This field provides the annual rental rate and minimum rental for the selected water use purpose or permits over Crown land purpose (before GST on PCLs).

### **GST on PCL**

This field applies to permits over Crown land (PCL) only.

### **Estimated Annual Rent**

This field provides an estimate of the annual rent for the year selected based on the water use purpose and licensed quantity as entered above. All annual rents are calculated from a metric-based rent schedule.

When a permit over Crown land (PCL) is selected, this box provides an estimate of the annual rent including GST.

### **Application Fee**

Application fees are typically based on the quantity of water in the licence application and the specific purpose of its use. Every individual purpose and Crown land use (PCL) has a required application fee.