

# 2014/15 trade waste charges

This information sheet outlines the pricing structure and charges which might be incurred by users of our trade waste service.

The specific services required and the charges applicable to individual businesses may vary. You should check your permit conditions for any special arrangements which might apply to you.

The charge amounts set out in this brochure are at the rates applicable for the 2014/15 financial year.

Your trade waste service is generally not subject to GST. It is only applicable to sampling and inspection activities, and the sampling and inspection charges shown in this document are inclusive of GST.

## Our charging structure

Our pricing reflects only our actual costs of providing this waste management service. Wherever possible, we charge for different aspects of the service separately, so you only pay for what you use.

There are three main components:

- Annual charges
- Quality-quantity usage charges
- Activity-based charges

## Annual permit charge

An annual permit charge is levied to cover our costs of administering the permit licensing system. These costs are common to all customers.

**Annual permit charge: \$223.00**

## Quality-quantity usage charges

### Quality-quantity charges derived from direct measurement of wastewater characteristics

Large volume dischargers, or dischargers of medium volumes of high strength wastewater, may be required to undertake specific monitoring and sampling programs to ensure the safety of their sewer discharge.

In these instances, the flow meter readings and results of quality determinations are also used to calculate the individual usage charges for these customers. Direct measurement of wastewater quality and quantity, where feasible, provides the most accurate and equitable user-pays charges that should be applied.

The charging rates for individual wastewater quality parameters are detailed in the table at the end of this document.



### **Fixed quality-quantity charges for particular industries**

Fixed quality-quantity charges apply to the following industries:

- Care facilities – such as nursing homes, orphanages and hostels
- Hospitals
- Radiology clinics
- Commercial car washes
- Fast food restaurants (except those within shopping centres or food halls)

Quality-quantity charges for these industries are generally based on a fixed daily rate, which is calculated from a model of the wastewater profile of these industries.

If you are in one of the industries listed above, then you should check the information brochure specific to your industry to find the details of the charges that may apply, and how they are calculated. Industry specific information is available on our website.

### **Open area charge**

This annual charge applies to unroofed washbays and binwash areas with floor drains connected to the sewer. It covers the costs associated with the volume of stormwater going into the sewer from your wash area, and is directly proportional to the ground area that drains into your wash bay.

**Open area charge: \$1.49/m<sup>2</sup>**

### **Activity-based charges**

#### **Establishment charge**

This charge reflects the time taken by our trade waste officers in assessing your application, and determining the conditions under which you can safely discharge your wastewater to the sewer.

**New permit assessments: \$125.69 per hour**

#### **FOGMan charge**

If your business is required to install a grease arrestor to pretreat greasy wastewater, a fats, oil and grease (FOG) management charge will be applicable. This charge is levied to cover the costs of operating the Water Corporation's FOGMan system for management of greasy waste.

**Annual FOGMan charge: \$97.98 per individual grease arrestor  
\$53.51 per shared grease arrestor**

#### **Inspection charge**

We may need to inspect your premises as part of our assessment of your application. Or an inspection may be initiated by you if you wish to change your business operations or plumbing configurations, or have your grease arrestor pump out frequency reassessed.

Customers with high strength and/or high volume wastewater discharges will be included on an ongoing inspection schedule. If no problems are identified during these regular inspections, then the time taken is usually short.

**Inspection charge: \$138.27 per hour**





## **Metering and sampling charges**

Customers with high strength and/or high volume wastewater discharges may be subject to an individual monitoring program, which includes metering their sewer discharge and taking samples for laboratory analysis.

In keeping with our user-pays principle, each discharger subject to a monitoring program must meet the costs of these programs themselves.

### **Meter reading charge: \$25.24 for each meter**

#### **Sampling charges:**

Grab sample (scheduled): \$293.48/sample

Grab sample (unscheduled): at cost

Composite sample (scheduled): \$689.59/sample\*

Composite sample (unscheduled): at cost

\*If more than one sample is taken across the compositing period, there will be a charge of \$305.24 for each additional sample.

## **One-Off Discharge Charges**

Businesses that do not have a trade waste permit for an ongoing discharge may have a need to discharge wastewater for a limited time. This is known as a one-off discharge.

There are several components to charges for one-off discharges: quality-quantity charges to cover the cost of accepting and treating the discharge in the Water Corporation's wastewater system, an hourly rate to cover the cost of the time of the trade waste officer managing the discharge, and (where applicable) a charge to provide access to the Water Corporation sewer.

Quality-quantity charges are derived from meter readings and water quality results from sampling conducted either by the client or by Water Corporation. Please refer to the table at the end of this document for more information about charging rates for individual wastewater quality parameters.

One-off discharges do not incur an annual permit charge. All activities carried out by a trade waste officer in relation to the management of one-off discharges are charged at the inspection rate.

### **Management of one-off discharge: \$138.27 per hour**

#### **Health care macerator charge**

Some health care facilities use disposable paper pulp bedpans and other containers which are shredded prior to discharge to sewer using a specially designed macerator. This system adds additional solids loading from the shredded containers to the wastewater system. A charge is applied to recover the cost of accepting this material. **However the charge is currently under review and will not be applied in 2014/2015.**

#### **Other associated costs**

Our charges do not cover the services provided by others, such as supplying or maintaining your plumbing and pre-treatment fixtures, disposal of any sludge or by-products captured by your wastewater pre-treatment, or the handling of any waste streams that are not discharged to sewer.

You may also be subject to licensing obligations, and associated charges, from the Department of Environmental Regulation or other regulatory bodies.

You should contact the specific waste service provider or the appropriate regulatory body for information on these associated services and your waste licensing obligations.





## Invoicing

Annual permit charges are annually in advance, on the anniversary of the permit.

Quality-quantity charges are invoiced in arrears. Businesses charged using industry models are usually invoiced quarterly. Businesses where volumes are determined by meters are usually invoiced quarterly, four-monthly or six-monthly in alignment with meter reading cycles. Activity-based charges for sampling, meter reading or inspections are invoiced in the next billing cycle with quality-quantity charges. Inspections for businesses not subject to quality-quantity charges are invoiced on completion of the activity.

One-off discharge accounts are usually invoiced at the completion of the event, unless the discharge period is extensive, in which case there will be periodic invoices.

## Your first invoice

Customers connecting during the year will be invoiced for their annual permit charge and if applicable, FOGMan and open area charges, together with their establishment charge, shortly after their permit is first issued. Thereafter, they will be invoiced within the normal billing cycles for the relevant charge components.

**Table 1: Quality-Quantity Charges**

Parameter	Level	Range	Units	Charge
Volume			\$/kL	\$1.39
Biochemical Oxygen Demand (BOD)	Low	0 – 5,000 mg/L	\$/kg	\$1.17
	High	Above 5,000 mg/L		\$2.37
Suspended Solids	Low	0 – 2,000 mg/L	\$/kg	\$1.58
	High	Above 2,000 mg/L		\$3.18
Oil & Grease	Low	0 – 300 mg/L	\$/kg	\$1.43
	Medium	300 – 600 mg/L		\$2.82
	High	Above 600 mg/L		\$5.65
Acidity to pH 6 as CaCO <sub>3</sub>	Low	0 - 100 mg/L	\$/kg	\$0.41
	Medium	100 – 300 mg/L	\$/kg	\$0.83
	High	Above 300 mg/L	\$/kg	\$1.64
Alkalinity to pH 10 as CaCO <sub>3</sub>	Low	0 – 100 mg/L	\$/kg	\$0.14
	Medium	100 – 200 mg/L	\$/kg	\$0.31
	High	Above 200 mg/L	\$/kg	\$0.60
<b>Nutrients</b>				
Total Kjeldahl Nitrogen			\$/kg	\$1.27
Total Phosphorus			\$/kg	\$0.37
<b>Salts</b>				
Sulphate	Low	0-50 mg/L	\$/kg	No charge
	High	Above 50 mg/L	\$/kg	\$0.67
TDS	Low	0 – 1,000 mg/L	\$/kg	No Charge
	Medium	1,000 – 3,000 mg/L		\$0.001
	High	3,000 – 6,000 mg/L		\$0.039
	Very High	Above 6,000 mg/L		\$0.134
<b>Metals</b>				
Chromium	Low	0 – 0.03 kg per day	\$/kg	\$10.52
	Medium	0.03 – 1 kg per day		\$20.98
	High	Above 1 kg per day		\$84.03



Parameter	Level	Range	Units	Charge
Copper	Low	0 – 0.03 kg per day	\$/kg	\$10.25
	Medium	0.03 – 0.12 kg per day		\$20.98
	High	Above 0.12 kg per day		\$84.03
Lead	Low	0 – 0.03 kg per day	\$/kg	\$10.52
	Medium	0.03 – 0.3 kg per day		\$20.98
	High	Above 0.3 kg per day		\$84.03
Nickel	Low	0 – 0.006 kg per day	\$/kg	\$10.52
	Medium	0.006 – 0.15 kg per day		\$20.98
	High	Above 0.15 kg per day		\$84.03
Zinc	Low	0 – 0.05 kg per day	\$/kg	\$10.52
	Medium	0.05 – 0.5 kg per day		\$20.98
	High	Above 0.5 kg per day		\$84.03
Arsenic	Low	0 – 0.001 kg per day	\$/kg	\$10.52
	Medium	0.001 – 0.04 kg per day		\$105.01
	High	Above 0.04 kg per day		\$1050.06
Cadmium	Low	0 – 0.001 kg per day	\$/kg	\$10.52
	Medium	0.001 – 0.015 kg per day		\$105.01
	High	Above 0.015 kg per day		\$1050.06
Molybdenum	Low	0 – 0.001 kg per day	\$/kg	\$10.52
	Medium	0.001 – 0.02 kg per day		\$105.01
	High	Above 0.02 kg per day		\$1050.06
Selenium	Low	0 – 0.001 kg per day	\$/kg	\$10.52
	Medium	0.001 – 0.02 kg per day		\$105.01
	High	Above 0.02 kg per day		\$1050.06
Silver	Low	0 – 0.002 kg per day	\$/kg	\$10.52
	Medium	0.002 – 0.01 kg per day		\$105.01
	High	Above 0.01 kg per day		\$1050.06
Mercury	Low	0 – 0.0001 kg per day	\$/kg	\$10.52
	Medium	0.0001 – 0.001 kg per day		\$1050.06
	High	Above 0.001 kg per day		\$7,875.73

High and medium unit rates for multi-level charges only apply to the part of the load that is above the relevant level threshold.

### More information

For more information please phone **13 13 95**.