



CHARGES 2011 / 2012 – PUB 04

The following information outlines the pricing structure and charges which might be incurred by users of our industrial 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 2011/12 financial year.

Your Industrial 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 Permit 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, and we try to keep them as low as possible.

Annual Permit Charge *\$205.70*

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 brochure.

13 13 75 Faults, Emergencies & Security
13 13 95 Technical Enquiries
13 13 85 General Enquiries

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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 in Shopping Centres or Food Halls)

Quality-Quantity charges for these industries are generally a fixed annual charge, 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.

These industry specific information brochures can be downloaded from 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 *\$1.37 /m²*

Activity-Based Charges

Establishment Charge

This charge reflects the time taken by our specialist Industrial Waste Officers in assessing your application, and determining the conditions under which you can safely discharge your wastewater to the sewer.

Our assessors are experts with considerable experience. They rarely take more than an hour or so to determine the appropriate guidelines for safe discharge from most small businesses.

New Permit Assessments *\$116.00 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 *\$90.40 per individual grease arrestor*
\$49.35 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 pumpout 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 short, and the cost is usually minimal.

Inspection Charge *\$127.60 per hour*



Monitoring, 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 and sampling program must meet the costs of these programs themselves. They are not subsidised by small business users of our service.

These programs are rarely applied to small business customers, unless specifically requested by them.

<i>Meter Reading Charge</i>	<i>\$23.25 for each meter</i>
<i>Sampling Charges:</i>	
<i>Grab Sample (scheduled)</i>	<i>\$270.60/sample</i>
<i>(unscheduled)</i>	<i>at cost</i>
<i>Composite Sample(scheduled)</i>	<i>\$635.80/sample</i>
<i>(unscheduled)</i>	<i>at cost</i>

One-Off Discharge Charges

A one-off discharge is where a business wishes to discharge waste to the sewer system due to unusual or non-routine circumstances. (For more information, see One-Off Discharges Pub 15)

There are two 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, and an hourly rate to cover the cost of the time of industrial waste officer managing the discharge.

Quality-quantity charges are derived from flow meter readings and water quality results from sampling conducted either by the client or by the Water Corporation. (See the charging rates for individual wastewater quality parameters in the table at the end of this brochure)

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

<i>Management of Discharge</i>	<i>\$116.00 /hr or part thereof</i>
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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 2011/2012.

<i>Health Care Macerator Charge</i>	<i>\$0.00 ea.</i>
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Other Associated Costs

We only charge you for the wastewater you discharge to sewer.

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 Environment and Conservation 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. Open Area Charges are also charged annually in advance, on the same invoice as the Annual Permit Charge

Your annual Industrial Waste invoice is issued in July each year.

Quality-Quantity Charges are usually invoiced quarterly in arrears, in the months of July, October, January and April. However, some low volume customers may be invoiced half yearly, or annually. Any activity-based charges for miscellaneous services are invoiced in the next billing cycle. This is usually within a few weeks of the service being performed, but may be up to three months afterwards.

One-off discharge accounts are charged at the completion of the event.

Your First Invoice

Customers connecting during the year will be invoiced pro-rata for their Annual Permit Charge and Open Area Charge, together with their Establishment Charge, shortly after their Permit is first issued. Thereafter, they will be invoiced within the normal billing cycles.

Table 1: Quality/Quantity Charges

Parameter	Level	Range	Units	Charge
Volume			\$/kL	\$1.27
Biochemical Oxygen Demand (BOD)	Low	0 – 5,000 mg/L	\$/kg	\$1.08
	High	Above 5,000 mg/L		\$2.18
Suspended Solids	Low	0 – 2,000 mg/L	\$/kg	\$1.46
	High	Above 2,000 mg/L		\$2.93
Oil & Grease	Low	0 – 300 mg/L	\$/kg	\$1.31
	Medium	300 – 600 mg/L		\$2.61
	High	Above 600 mg/L		\$5.21
Acidity to pH 6 as CaCO ₃	Low	0 - 100 mg/L	\$/kg	\$0.38
	Medium	100 – 300 mg/L	\$/kg	\$0.76
	High	Above 300 mg/L	\$/kg	\$1.52
Alkalinity to pH 10 as CaCO ₃	Low	0 – 100 mg/L	\$/kg	\$0.14
	Medium	100 – 200 mg/L	\$/kg	\$0.28
	High	Above 200 mg/L	\$/kg	\$0.55

Nutrients

Total Kjeldahl Nitrogen			\$/kg	\$1.18
Total Phosphorus			\$/kg	\$0.34

Salts

Sulphate	Low	0-50 mg/L	\$/kg	No charge
	High	Above 50 mg/L	\$/kg	\$0.62
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		\$0.036
	Very High	Above 6,000 mg/L		\$0.124

Metals

Chromium	Low	0 – 0.03 kg per day	\$/kg	\$9.70
	Medium	0.03 – 1 kg per day		\$19.35
	High	Above 1 kg per day		\$77.50
Copper	Low	0 – 0.03 kg per day	\$/kg	\$9.70
	Medium	0.03 – 0.12 kg per day		\$19.35
	High	Above 0.12 kg per day		\$77.50
Lead	Low	0 – 0.03 kg per day	\$/kg	\$9.70
	Medium	0.03 – 0.3 kg per day		\$19.35
	High	Above 0.3 kg per day		\$77.50
Nickel	Low	0 – 0.006 kg per day	\$/kg	\$9.70
	Medium	0.006 – 0.15 kg per day		\$19.35
	High	Above 0.15 kg per day		\$77.50
Zinc	Low	0 – 0.05 kg per day	\$/kg	\$9.70
	Medium	0.05 – 0.5 kg per day		\$19.35
	High	Above 0.5 kg per day		\$77.50
Arsenic	Low	0 – 0.001 kg per day	\$/kg	\$9.70
	Medium	0.001 – 0.04 kg per day		\$96.85
	High	Above 0.04 kg per day		\$968.55
Cadmium	Low	0 – 0.001 kg per day	\$/kg	\$9.70
	Medium	0.001 – 0.015 kg per day		\$96.85
	High	Above 0.015 kg per day		\$968.55



Parameter	Level	Range	Units	Charge
Molybdenum	Low	0 – 0.001 kg per day	\$/kg	\$9.70
	Medium	0.001 – 0.02 kg per day		\$96.85
	High	Above 0.02 kg per day		\$968.55
Selenium	Low	0 – 0.001 kg per day	\$/kg	\$9.70
	Medium	0.001 – 0.02 kg per day		\$96.85
	High	Above 0.02 kg per day		\$968.55
Silver	Low	0 – 0.002 kg per day	\$/kg	\$9.70
	Medium	0.002 – 0.01 kg per day		\$96.85
	High	Above 0.01 kg per day		\$968.55
Mercury	Low	0 – 0.0001 kg per day	\$/kg	\$9.70
	Medium	0.0001 – 0.001 kg per day		\$968.55
	High	Above 0.001 kg per day		\$7,264.15

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?

The current version of this information sheet is shown on the Water Corporation internet site at http://www.watercorporation.com.au/I/industrialwaste_index.cfm. Further information on the issue detailed on this sheet can be obtained by phoning 13 13 95, or visit your nearest Water Corporation office.