

Industrial customers

Proposed trade wastewater fees and charges for 2012–2016

Here are the key points of Sydney Water's pricing proposal for trade wastewater fees and charges from 1 July 2012 to 30 June 2016

Sydney Water's charges to business customers reflect the costs we incur in supplying our services. Sydney Water incurs costs for:

- managing the trade waste service
- treating the trade wastewater.

Management costs

Trade waste support

Sydney Water's team of dedicated business customer representatives work with business customers on a range of issues including:

- trade waste
- water efficiency
- sewer usage
- backflow prevention
- water reuse
- stormwater harvesting
- sewer mining.

Sydney water provides these business customer representatives with a range of tools and equipment to help them provide trade waste services to customers. These representatives also obtain samples of wastewater and have these analysed.

Sydney Water has identified the costs directly attributable to providing a trade waste service and aims to recover these costs through our trade waste charges.

We recognise that some customers require extra attention and we have reflected this in our pricing proposal.

Liquid waste tracking (Wastelink)

Wastelink is an electronic waste tracking system Sydney Water uses to monitor the generation, collection, transportation and disposal of grease trap waste

Under the current process Sydney Water:

- issues pump-out orders for each scheduled pump-out
- invoices customers directly for processing the waste
- pays the licensed waste facility to treat the waste (on behalf of the customer).

The waste transporter charges the customer directly to clean the grease trap and transport the waste to the licensed waste facility.

Sydney Water proposes some changes relating to its role in managing liquid waste. The proposed new process is:

- Sydney Water will still issue pump-out orders for each scheduled pump-out.
- Sydney Water will charge a fixed (administrative) liquid waste charge for each waste trap.
- The waste transporter will still charge the customer directly to clean the liquid waste trap and transport the waste to the licensed waste facility. They will also charge the customer for the treatment of this waste at the facility.
- Sydney Water will apply a missed service (pump-out) charge if the customer does not follow the pump out schedule and misses two pump out dates.

Waste quality charges

Waste quality and mass charges

Sydney Water has identified the costs associated with treating trade wastewater by reviewing the volume of wastewater and the mass of each substance (pollutant) delivered to its wastewater systems.

We considered the cost of chemical dosing into the wastewater network (to reduce odours and corrosion) and the cost of treating each substance at its primary and secondary/tertiary wastewater treatment facilities. We also determined a \$/kg rate for each substance.

Sydney Water has identified the costs drivers as:

- biochemical oxygen demand (BOD)
- suspended solids
- grease
- nitrogen
- phosphorus
- temperature
- pH.

From 1 July 2012, Sydney Water proposes to levy charges for only those pollutants listed as cost drivers above.

Odour and corrosion

Sydney Water regularly assesses its wastewater networks to determine the systems that are adversely affected by odour and corrosion.

We dose chemicals directly into the wastewater network to control odour and slow corrosion.

BOD, temperature and pH are the cost drivers for managing odour and corrosion in the wastewater system.

When a wastewater system is identified as being affected by odour and (accelerated) corrosion, Sydney Water will identify significant sources of BOD, temperature and pH in the area. The business customer services representatives will meet with the relevant business customers to discuss how to reduce the BOD, temperature and pH being discharged to the system.

These customers must then commit to an effluent improvement program to reduce BOD and temperature and stabilise pH in the range pH7-10.

If a customer does not commit to an effluent improvement program or does not comply with the steps of their effluent improvement program Sydney Water will

- apply a penalty charge for BOD
- introduce a temperature charge for discharge greater than 25 degrees Celsius
- introduce a pH charge for each unit of pH less than pH7

Please contact your business customer representative if you need help understanding how these changes will affect your business.

Current charges: 1 July 2011- 30 June 2012	
Application fee	\$285.55
Application fee	\$128.60/ hour, for applications where an assessment of pollutants is not covered in the <i>Trade Waste Policy</i>
Variation fee	\$343.35
Renewal fee	Nil
Additional inspections	\$78.50/hour for each officer attending (minimum increment of \$39.55 inc GST)
Wastesafe	\$0.140/litre (inc GST)

Proposed charges from 1 July 2012	
Application fee	\$419.80
Application fee	\$128.60/ hour, for applications where an assessment of pollutants is not covered in the <i>Trade Waste Policy</i>
Variation fee	\$504.72
Renewal fee	Nil
Additional inspections	\$173.91 for first hour on site and thereafter \$86.96 for each hour or part hour.
Wastesafe	N/A
Liquid waste trap charge	\$102.30/trap
Missed service pump out	\$255.75 (<2000 L trap) \$511.50 (>2000 L trap)

Quarterly consent fees

Risk index	Fees per quarter	Inspections
1	\$6,434.52	52
2	\$5,808.44	52
3	\$2,712.93	26
4	\$1,530.36	13
5	\$591.25	5
6	\$208.65	4
7	\$139.10	2

*Quarterly consent fees include a number of scheduled inspections. Additional inspections are charged at the rate shown under current charges.

Quarterly consent fees*

Risk index	Fees per quarter	Inspections
1	\$1,806	13
2	\$1,806	13
3	\$1,806.00	13
4	\$834.00	6
5	\$556.00	4
6	\$556.00	4
7	\$556.00	2

*Quarterly consent fees include a number of scheduled inspections. Inspections to follow-up non-compliance issues will be charged as an additional inspection.

Charging rates

Substance	Current 2011–12	Proposed from July 2012
Suspended solids (primary treatment)	\$0.887/kg	\$0.445/kg
Suspended solids (secondary and tertiary treatment)	\$0.887/kg	\$1.288/kg
BOD5 (primary treatment)	$\$0.124 + (0.0184 \times [\text{BOD mg/L}]/600)/\text{kg}$	\$0.427/kg
BOD5 (secondary and tertiary treatment)	$\$0.698 + (0.0184 \times [\text{BOD mg/L}]/600)/\text{kg}$	\$1.774/kg
Soluble BOD	$\$0.124 + (0.0184 \times [\text{BOD mg/L}]/600)/\text{kg}$	N/A
Grease (primary treatment)	\$1.250/kg	\$0.401/kg
Grease (secondary and tertiary treatment)	\$1.250/kg	\$1.231/kg
Ammonia	\$2.073/kg	n/a
Nitrogen (secondary and tertiary treatment only)	\$0.175/kg	\$1.460/kg
Phosphorus (secondary and tertiary treatment only)	\$1.386/kg	\$5.232/kg
Sulphate	$\$0.137 \times [\text{SO}_4 \text{ mg/L}]/2000/\text{kg}$	N/A
pH	Nil	\$55.433/pH/ML for each unit less than pH7
Temperature	Nil	\$6.137/ML/°C above 25 °C
Other substances	various	N/A