

Trade waste non-complex (commercial) discharge application

Non-complex, or commercial trade waste refers to activities generating trade waste that require no or only basic pre-treatment of discharges, and where volume is modest. Examples include schools, child care centres, retail food service businesses such as restaurants, cafés, and fast food outlets.

Important information

Make a summary list of the processes through which your operation produces wastewater for discharge to the sewer. The summary should include:

- the type of business activity (e.g. restaurant, launderette, light engineering, repairs)
- the scale and type of business operation that generates the wastewater (e.g. number of meals prepared per day, number of chickens cooked per day, quantity of garments laundered per day, number of vehicles detailed per day etc)
- a list of equipment used in the business that produces wastewater (e.g. commercial dishwasher, steam cleaner, number of washing machines etc)
- the location of the business activity (e.g. in a roofed, unroofed wash bay, within buildings).

Details of proposed pre-treatment system

The pre-treatment system should be designed to consider a number of factors including:

- any required screening of the wastewater
- any required settlement to retain silt or similar materials
- temperature of the wastewater
- the volume of wastewater discharged
- any silt or similar material in the wastewater
- any oil and/or grease in the wastewater
- the pH of the waste
- any solvent or chemicals in the wastewater
- any required backflow prevention.

Trade waste authorisation process

No work can be undertaken until you complete this application and receive a trade waste discharge authorisation.

The trade waste discharge authorisation details the conditions you need to meet before you discharge to the sewer.

We will work with you to review and verify the suitability of the pre-treatment system. We will visit your premises to inspect your discharge and to work with you by providing advice and support. Together we can ensure you meet your ongoing authorisation conditions.

Within your authorisation we will state the required pre-treatment systems that must be installed by you before any trade waste is discharged. In some instances, we may include a deadline for installation of a pre-treatment system at the time of issuing the authorisation. We will also provide details of all your contaminant concentration discharge limits, flowrate discharge limit and any further conditions that you must adhere to while discharging your trade waste.

During your scheduled trade waste audits we will assess whether your trade waste installation and systems meet the requirements stated within your authorisation. If the pre-treatment installation does not meet your requirements, amendments or maintenance will need to be made to the pre-treatment system(s). We will provide advice and support where possible and together we can ensure you meet your ongoing authorisation conditions.

We will notify you of any work you are required to carry out within your audit report. Failure to meet these requirements on an ongoing basis may result in you being in breach of your authorisation. This may lead to the withdrawal of your authorisation and a requirement to disconnect from the sewerage network.

We keep copies of trade waste discharge authorisations as required under the *Water Industry Act 2012*.

Important documentation

- Before completing this application, please read the **restricted wastewater acceptance framework** on our website. It is available at <http://www.sawater.com.au/business/trade-waste>.
- You must provide **full details** and **accurate information** in your application.
- A **site plan** showing details of the plumbing and pre-treatment layout must accompany this application.
- If there are **any variations** to this application you will need to complete and submit a new application.

Completing the following sections in full will help us process your application quickly.

Office use only **Application number**.....
 Customer number.....
 Date received.....
 Refer.....
 Return by.....

Change of owner ☐ Proposed new discharge ☐ Variation to an existing discharge ☐

Details of the proposed activity

1. Make a summary list of the process which produces wastewater for discharge to sewer applicable to your type of business

Food services			
Waste fixtures and appliances	Quantity	Waste fixtures and appliances	Quantity
Bain marie		Pasta cooker	
Basin		Pot sink (single)	
Chicken rotisserie		Pot sink (double)	
Combi oven		Potato peeler	
Deep fryers		Prover	
Dishwasher (domestic)		Sink - with spray rinse	
Dishwasher (commercial)		Traditional wok (per burner)	
Food waste disposal unit		Wash trough	
Glasswasher		Waterless wok (per burner)	
Grill			
Kitchen sink (single)			
Kitchen sink (double)			
Other device/fixtures			
Bin wash		Floor drainage	
Cleaners sink		Non food waste macerator	
Commercial washing machine			

	Business hours	Estimated number of meals/ coffees per day (if applicable)	Max seating capacity, internal and external (if applicable)
Monday to Friday			
Saturday			
Sunday			

Dentistry			
Dental chairs Quantity _____	X ray process Chemical ☐ Digital ☐ Other ☐	Onsite lab work Yes ☐ No ☐	Plaster trap Quantity _____

Vehicle services / wash bays / car washes			
Stormwater intrusion Is there an unroofed area? Yes ☐ No ☐	Processes Parts washer Engine wash External body wash	Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐	Number of wash bays Automatic ____ Manual ____ Dog wash ____

2. State proposed activity and list onsite processes, and any details not included in the above templates (for example type of food/menu, waste oil collection, liquid waste contractors, pool, laundry)

3. Details of proposed pre-treatment systems

Pre-treatment device	Type / model	Size / capacity	Location	Quantity	Type of lid, if applicable
Grease arrestor					
Settling pit					
Neutraliser pit					
Oily water plate separator					
Hydrocyclone					
Silt trap					
Dry basket					
Solids trap					
Other screening device					
Blow down pit					
Cooling channel					
Membrane water treatment plant					
Chemical water treatment plant					
Other					

Does the vent termination comply with AS/NZS 3500.2:2015 Section 6.8.4? Yes ☐ No ☐

Is pre-treatment device shared with another business? Yes ☐ No ☐

If yes, how many other businesses are connected to the pre-treatment device? _____

4. Are there any open/unroofed areas, which may allow stormwater to flow to the sewer? Yes ☐ No ☐

If yes, please specify the size of area(s), and describe how stormwater will be managed.

Please return the completed application, together with the relevant documentation, by one of the following methods:

Mail to

Trade Waste
GPO Box 1751
Adelaide SA 5001

In person

Trade Waste
250 Victoria Square/Tarntanyangga
Adelaide SA

Email

tradewaste@sawater.com.au

Office hours: 8am to 4pm, Monday to Friday

Phone: 08 7424 1336



Government of
South Australia