

# Complex (Industrial) Trade Waste Discharge Application

The complex (industrial) trade waste application refers to activities generating industrial trade waste and requiring sophisticated pre-treatment systems; discharge volume may be substantial (i.e. food and beverage manufacturers, metal finishers, hospitals, laundries, waste treatment)

## Important Information for applicant

### Details of the proposed activity

*The information should include:*

The type of business activity (e.g. electroplating, laundry, vegetable/fruit processor, hospital, food manufacturer, fish processing, mechanical workshop)

The scale and type of business operation that generates the liquid wastewater (e.g. operating schedule, production volumes such as number of meals prepared per day, number of chickens processed per day, quantity of garments laundered per day, number of vehicles detailed per day etc.)

### Details of wastewater discharge

This information is essential to determine the suitability of the proposed treatment system and the capabilities of the receiving sewer.

- **Gravity or pumped** refers to how the wastewater will be discharged to the sewer.
- **Peak flow rate** must be expressed in litres per second (L/sec) which may be calculated by combining the maximum wastewater discharge from the business activities.
- **Duration** is the maximum time the proposed discharge will occur (e.g. 1-2 hours)

A list of equipment used in the business that produces wastewater (e.g. commercial dishwasher, steam cleaner, number of washing machines, etc.)

List the contaminants likely to be present in the trade waste discharge should be specified (e.g. heavy metals, acids, alkalis, solvents, ammonia, oil/fat emulsions).

### Details of proposed pre-treatment system

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

- Is screening of the wastewater required?
- Will settlement be required to retain silt or similar material?
- At what temperature will the wastewater be?
- Will there be large volumes of wastewater discharged?

- Will there be silt or similar material in the wastewater?
- Will oil and/or grease be present in the wastewater?
- Will the pH of the waste be acidic or alkaline?
- What solvent/chemicals will there be in the wastewater?
- Was the backflow prevention taken into consideration?

## Trade Waste Authorisation process

No work is to commence prior to completing the application and receiving a **Trade Waste Discharge Authorisation**.

The Trade Waste Discharge authorisation will be issued to facilitate the proposed activity and to ensure compliance with trade waste discharge conditions and for the effective management of the pre-treatment system pertaining to this application.

A review and verification of the suitability of the pre-treatment system will be carried out prior to the end of the term stated within the Trade Waste Discharge Authorisation which may include the examination of maintenance records relevant to the pre-treatment system.

Where the installation meets the full requirements of SA Water, the Trade Waste Discharge Authorisation will be subsequently extended. Should the outcome of the review not meet these requirements, amendments to the pre-treatment system or its maintenance will be necessary prior to the Trade Waste Discharge Authorisation being extended.

Copies of the Trade Waste Discharge Authorisations will be retained by SA Water for recording as required under Water Industry Act 2012.

## Applicant's responsibilities

Before completing the attached application, please read the **Restricted Wastewater Acceptance Framework** located on SA Water website.

Applicant's responsibilities:

- Completed applications are required to provide **full details and accurate information**.
- A site plan showing details of the plumbing and waste pre-treatment layout must accompany this application.
- Any **intended variations to this application will require resubmission of a new application**.
- The appropriate fee must accompany this application. Please see [Trade Waste Fees and Charges brochure](#) located on SA Water website under *Business > Trade Waste*

**Please note:** By completing the following sections in full, it will assist for your application to be processed.



Government  
of South Australia



# Application to Discharge Trade Waste

Office use only

Application No

Customer No

Date Received

Authorising Officer

**The undersigned hereby makes application to SA Water under the Water Industry Act 2012 for authorisation to discharge trade waste from the premises described hereunder into SA Water's sewer.**

**When your application has been completed, send it together with the appropriate fee to:** SA Water, Trade Waste & Networks Branch GPO Box 1751 Adelaide SA 5001 or fax to Trade Waste on (08) 7003 3366

**Payment Options:** Cheque & money order, credit card or EFT (upon request, contact Trade Waste & Networks Branch either on 08 7424 1336 or alternatively via email on [tradewastebranch@sawater.com.au](mailto:tradewastebranch@sawater.com.au)).

If you would like to pay by credit card, please tick the box and we will contact you for payment upon receiving the application. ☐

The payment can be also made at the front counter – SA Water House.

## Please print

### Name of business owner & address where discharge to sewer will occur

Name of owner of the business

Trading name of business

ABN/ACN Number

Type of business

Contact person

Phone

Fax

Mobile

Email

Street number

Shop number (if applicable)

Street name

Suburb

Postcode

## Important Information which must be completed

**Account Enquiries Telephone: 1300 650 950**

### SA Water account number

(For business site) number located on front of bill

### Water Meter number

Or

### Note applicant's responsibilities:

This application must be signed by the business owner (or an authorised person) or if the application is for a Company or Incorporated Body by the Manager or Secretary or similar authorised officer on behalf of the Company or Incorporated Body.

### Business owner name, postal and or email address for return correspondence

As Above ☐

Name

Address

Suburb

Postcode

Date of application

### Copy of the permit to be forwarded to the consultant/plumber where required

Name

Address

Suburb

Postcode

Phone

Fax

Mobile

Email

### A copy of the permit will be forwarded to the property owner.

**This application relates to: (Please tick appropriate box)**

Change of Owner ☐

Proposed new discharge ☐

Variation to an existing discharge ☐

Details of the proposed activity

1) Describe the type of business carried out on site (e.g. food manufacturer, medical centre, electroplating, mechanical workshop)

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Business Hours	Estimated production volumes Per Day if Applicable
Monday to Friday	
Saturday	
Sunday	

2) Details of Wastewater Discharge

Gravity <input type="checkbox"/>	Peak flow rate L/sec	Duration
Pumped <input type="checkbox"/>	Peak flow rate L/sec	Duration

3) Are there any open/unroofed areas, which collect rain water, connected to sewer? ☐ Yes ☐ No

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

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4) Describe the fixtures / activities on the site which produces wastewater for discharge to sewer

Waste fixtures and equipment	Number of	What activities generate trade waste?

5) List of onsite Processes (e.g. Type of food, waste oil collection, Liquid Waste Contractors)

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**6) Contaminants likely to be present in the trade waste to be discharged to sewer.** (Please tick appropriate box)

<input type="checkbox"/> Heavy Metals	<input type="checkbox"/> Sulphur Compounds
<input type="checkbox"/> Acids/Alkalis	<input type="checkbox"/> Ammonia
<input type="checkbox"/> Solvents	<input type="checkbox"/> Disinfectants
<input type="checkbox"/> Medical Wastes	<input type="checkbox"/> Cyanide
<input type="checkbox"/> Dyes/Inks	<input type="checkbox"/> Photographic Wastes
<input type="checkbox"/> Oil/Fat Emulsions	<input type="checkbox"/> Petrochemicals
<input type="checkbox"/> Paint	<input type="checkbox"/> Other
<input type="checkbox"/> Pesticides/Herbicides	<input type="checkbox"/> Other
<input type="checkbox"/> Total Dissolved Solids (Salts)	<input type="checkbox"/> Other
<input type="checkbox"/> Chlorinated Hydrocarbons	<input type="checkbox"/> Other

**7) Details of proposed pre-treatment systems** (e.g. solids settling, grease arrester, pH correction)

Pre-treatment Devices	Type / Model	Size / Capacity	Location	Number of	Type of Lid if applicable
Grease Arrestor					
DAF unit					
Settling pit					
Neutraliser					
Buffer Tank					
pH Correction					
Water Oil Plate Separator					
Hydrocyclone					
Silt trap					
Dry Basket					
Solids Trap					
Other Screening Device					
Blow Down Pit					
Cooling Channel					
Water Treatment Plant					
Other					

Does the vent termination comply with AS/NZS 3500.2:2003 Section 6.8.4? ☐ Yes ☐ No

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SA Water GPO Box 1751 Adelaide SA 5001 or fax to Trade Waste on (08) 7003 3366 or email to [tradewastebranch@sawater.com.au](mailto:tradewastebranch@sawater.com.au)

**I acknowledge that I have read and understood the terms & conditions set under** Restricted Wastewater Acceptance Framework on behalf of  
(business ABN /ACN)

Name \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Enquiries**

Trade Waste & Networks

250 Victoria Square, Adelaide SA 5000

Telephone: (08) 7424 1336

Facsimile: (08) 7003 3366

Email: [tradewastebranch@sawater.com.au](mailto:tradewastebranch@sawater.com.au)

Office hours – 8:00 am to 4:00 pm