

Trade Waste Application Guide

Procedure for obtaining a Trade Waste Approval

1. Contact The Whitsunday Regional Council's Trade Waste Compliance Section for an *Application for Trade Waste Approval Form*. The forms are also available through our web site. www.whitsundayrc.qld.gov.au
2. The completed *Trade Waste Discharge Application Form* should be lodged with Council accompanied by a Site Plan and the appropriate Application Fee and, if appropriate, also be accompanied by Material Safety Data Sheets (MSDS) and 1:100 scale Process and Instrument Diagrams drawn by a hydraulics consultant.
3. Prior to the connection of any treatment apparatus to Council's sewerage system, a *Development Application* must be lodged and written consent received from Plumbing & Drainage area. All works are required to be carried out by a licensed Plumber to AS3500 Standards.
4. When plumbing or drainage works are required, a plumbing and drainage inspection should also be arranged with Council.
5. The Application for Trade Waste Discharge will be processed by the Trade Waste Compliance area. All fees and charges applicable to this application must be paid prior to connection.
6. When plumbing and drainage work is completed, the Trade Waste Compliance area should be notified prior to discharge to sewer, so that a site inspection can be carried out.
7. A Trade Waste Permit to discharge will then be issued to the applicant.

Send all Applications for Trade Waste Approval and accompanying material to:

Trade Waste Compliance Services
Whitsunday Regional Council
PO Box 104
PROSERPINE QLD 4800
info@whitsundayrc.qld.gov.au
Phone: (07) 4761 3685
Fax: (07) 4945 0222

Definition of Trade Waste: Any liquid waste generated by industry, small business and commercial enterprises is referred to as Trade Waste. The *Water Supply (Safety & Reliability) Act 2008* prohibits the unauthorised discharge of trade wastes, other than domestic sewerage, into the sewerage system. This *Act* ensures that producers of Trade Waste in Queensland obtain approval from their Local Council to discharge their Trade Waste to the sewerage system.

The *Water Supply (Safety & Reliability) Act 2008* provides the WRC with the legal power to manage Trade Waste discharges so that they can then effectively ensure compliance with all requirements under the Environmental Authority.

Trade Waste is any liquid waste, other than domestic sewage, generated by industrial, commercial, retail food, trade or manufacturing processes, which is acceptable for discharge to sewer. The discharge is conditional on having a Trade Waste Approval.

Trade Waste Charges

- An Application Fee based on discharge volumes may be applicable. This covers the cost of processing your application.
- Charges apply for trade waste discharged to Council's sewers, this is based on a user pays principles and will be assessed according to the quality and quantity of waste discharged. These charges recover the cost of collecting, treating, sampling and analysing and disposing of the trade waste. Approval Service charges for maintaining and monitoring Trade Waste Approvals also apply. All fees and charges are outlined in the Trade Waste Charges. The Trade Waste Compliance Section can be contacted at the address and phone number listed above.

- Area contributions may also be levied to reflect the cost of additional demands placed on the sewage system resulting from the application, or circumstances in an existing Approval change.

The notes below are designed to help you complete the questions on the *Application for Trade Waste Approval* form.

Part 'A' Applicants Details

1. Provide details for the property from where trade waste is to be discharged.
2. The business details of the occupier or operator
3. Please tick the appropriate box describing why you are making a Trade Waste Application, whether you are making the Application because you are starting a new business, transferring of a business or if you are carrying out any new works which will change the volume or type of trade waste discharge.
4. The name and contact details of the person responsible for management of trade waste matters on site. The person should be the owner or part of the body corporate management of the building/complex.

Part 'B' Trade waste characteristics for food and motor trade businesses

1. State business operation
2. State type of pre-treatment device, this information should be provided by your consultant/plumber
3. List all existing fixtures and fittings within the premises
4. List all proposed fixtures and fittings within the premises
5. State capacity or rating of the device, this information should be provided by your consultant/plumber
6. State the contractor that will service the pre-treatment device e.g. pump out the grease trap, oil separator holding tank, the contractor must be approved and registered
7. Estimate typical trading days

Part 'C' Trade waste characteristics for servicing, processing and manufacturing businesses

1. State business operation
2. Provide as described. This information could be provided with the help of your consultant.
3. Provide as described. This information could be provided with the help of your consultant.
4. Estimate typical trading days

Part 'D' Information to be provided with the application

1. Hydraulic plan drafting standards

- A3 sheet size as a minimum
- Designers name, contact details and licence details
- Site/locality and tenancy plan

- Existing services relevant for connection of new works
- North point
- Sanitary drain house connection point and levels in AHD
- Proposed and existing pipe and surface levels in AHD
- Floor plan to a 1:100 scale
- Legends, abbreviations and symbols and required

2. Details of each trade waste generating area, including:

- a description of trade waste generating activities linked to each trade waste generating area
- the designed peak trade waste flow rate (litres per hour)

3. Roofing and sheeting details for external trade waste generating areas, including:

- a diagram of the roof and overhang of external trade waste generating areas showing the minimum length of overhang on open walls to be at least 25 per cent of the height of the roof from the finished ground level
- details of diversion valves or first flush systems if roofing is not feasible

3. Details of all pre-treatment systems, including:

- the manufacturer's name
- the pre-treatment system type and model number
- the pre-treatment system capacity specified by the manufacturer and the expected hydraulic load on the pre-treatment system
- the type and rating of the pump which must be matched to the manufacturer's specifications for the pre-treatment system, if the wastewater is to be pumped
- a hose tap, with a testable RPZ device located within five metres of each pre-treatment device
- pre-treatment system is accessible for maintenance (for guidance, it is recommended that the hardstand area be no further than 15 metres from the pre-treatment device) Where this condition cannot be achieved due to site constraints an approved 80mm pump suction line shall be installed. Index length of suction line shall be <30m with a maximum of 4m lift

4. Details of hydraulic load allocated to pre-treatment equipment, including:

- an information schedule of the form shown below, for transparency about how trade waste hydraulic loads have been allocated to pre-treatment devices
- details of the arrestor that will service each tenancy if there is more than one tenancy on the premises,
- details of the total peak hourly flow directed to each arrestor
- updated details of new hydraulic loadings where a connection, disconnection or change to connection affects an existing trade waste installation
- details of estimated peak trade waste flow for all shops connected to the shared arrestor where a new shop fit-out is to be installed at a premises resulting in multiple tenancies connected to a shared arrestor.

Fixture and fittings rating schedule (not required on plans)

Fixtures and fittings		Capacity (litres/hour)
Sink – Single Bowl (depth <300mm)		145
Sink – Double Bowl (depth <300mm)		290
Pot Sink – Single (depth >300mm)		280
Pot Sink – Double (depth >300mm)		560
Hand wash basin		30
Water heated baine marie		40
Floor waste gully		30
Dishwasher	Small (under bench)	400
	Medium	800
	Large	Refer to manufacturers peak hourly rate x 3
Potato Peeler	Small	100
	Medium	200
	Large	Refer to manufacturers peak hourly rate x 3
Wok Burner (dry)		30 per arm
Wok Burner (wet)		Refer to manufacturers peak hourly rate x 3
Cleaners Sink		140

Example Grease Arrestor schedule required on plans

1	2	3	4	5	6	7	8
Arrestor Description	Tenancy/shop #	Business Type	Fixtures	Qty	Peak hourly flow rate (from schedule above)	Total (5 x 6)	Arrestor Capacity
Existing	1	Takeaway	Sink – Single Bowl	3	145	435	
			Sink – Double Bowl	1	290	290	
			Basin	1	30	30	
	2	Restaurant	Sink – Double Bowl	1	290	290	
			Sink – Single Bowl	1	145	145	
			Basin	2	30	60	
			Wok burner	1	120	120	
			Cleaners sink	1	50	50	
			Small dishwasher	1	400	400	
					Total	1820	2000
New	3	Butcher	Basin	1	30	30	
			Sink – Single Bowl	1	145	145	
			Sink – Double Bowl	1	290	290	

Existing tenancies 1 and 2 are ok as arrestor capacity is greater than the peak hourly flow rate. New tenancy 3 cannot be connected to the existing trap as peak flow rate will exceed capacity, a new trap will be required.

NOTE: The above schedule shall be modified where existing tenancies are not applicable.

Oil/water arrestor schedule required on plans

Treatment device type.	<i>e.g. Coalescent plate separator, hydro cyclones</i>
Manufacturer :	
Model:	
Capacity in litres/hour:	
Pump duty:	
Holding tank capacity:	