

TRADE WASTE APPLICATION / RENEWAL CLASSIFICATION C

For Approval to Discharge Trade Waste to Council's Sewer
(Section 68, Local Government Act 1993)

Part 1 Site Details & Applicant

1. Location of the proposed trade waste activity

Name of Business

Unit No.....House No.....Street.....

City/Town.....

2. Land Title Description

These details can be obtained from rate notices, property deeds, or Council property records.

Lot(s)..... Section.....

Deposited Plan(s)..... Strata Plan.....

3. Applicant's Name

If you represent a company, apply in the company's name.

Title Mr Mrs Miss Ms Other [.....]

Surname or Company Name.....

Given Names.....

Name of Contact Person.....

4. Your Postal Address

.....

City/Town.....State.....Postcode.....

5. Your Contact Details

☎ () E-mail.....

Fax () Mobile

Part 2

Owners Details

6. Property Owner's Details

Name.....

Address.....

City/Town.....State.....Postcode.....

☎ ().....E-mail.....

Fax ()..... Mobile

7. Do You Have the Owner's Consent?

The owner's authorisation to the making of this application must be obtained if you are not the owner. This is a mandatory requirement of section 78 of the Local Government Act 1993.

As owner of the above land, I consent to the making of this application and to the entry onto such land by authorised officers of Council for the purpose of determining this application, and any associated inspections.

Signature(s)..... Date.....

Print Name.....

Capacity of Signatory (eg owner, Director).....

Part 3

Waste Generation Details

8. Planned Business Activities of Occupier

Describe the activities to be carried out at the premises. If the business involves or incorporates food preparation and/or eating, (eg restaurants, cafes, motels, butcher shops, take-away shops etc) specify the relevant details

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Will hot food be prepared: Yes No

Seating Capacity: No. of Meals per day:

9. Describe the process generating the trade waste

Detail the activity or process's which generates or produces the trade waste

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NOTE: If insufficient room for your answers, please detail on separate sheets and attach them to the application.

10. What measures do you intend to implement or have implemented to reduce the amount of waste generated?

Trade Waste generators are expected to implement waste reduction controls such as housekeeping procedures to reduce the volume of waste discharged to sewer. Restrictions are placed on volumes accepted by Council. Trade Waste charges are directly related to the volumes/mass of waste discharged and/or the premises water consumption.

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11. Does an existing water supply meter serve the premises?

Yes List Water Meter Number(s) & identify meters that service the Trade Waste Processes

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No

16. Detail the expected flow rates

This information is necessary to enable Council to determine whether the local sewer network is capable of accepting the proposed volume of waste, both outside and during the peak flows in such sewer

Maximum Rate of Discharge to Sewer (state as kL/hr or litres/sec):.....

Maximum Daily Discharge volume to Sewer (state figure as kl or litres):.....

Hours of the day during which discharge will normally take place:

Mon-Fri Sat..... Sun.....

Specify any Peak Periods of discharge in the day:

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Part 4 Additional Details & Signature

17. Concentration levels of key parameters have been set by the Department of Industry. Should the discharger exceed these levels, excess mass charges will apply.

Key Parameter	Concentration Level
• Biochemical Oxygen Demand (BOD5)	300 mg/l
• Chemical Oxygen Demand (COD)	900 mg/l
• Suspended Solids (SS)	300 mg/l
• Total Oil & Grease	50 mg/l
• Ammonia (N)	50 mg/l
• Total Nitrogen	100 mg/l
• Total Phosphorus (TP)	20 mg/l
• Total Petroleum Hydrocarbons (TPH)	30 mg/l
• Sulphur based compounds	50 mg/l
• Maximum Temperature	38 C°
• Ph Range:-	7.0 to 9.0

18. Substances prohibited from being discharged into the sewerage system:

- Organochlorine weedicides, fungicides, pesticides, herbicides and substances of a similar nature and/or wastes arising from the preparation of these substances
- Organophosphorus pesticides and/or waste arising from the preparation of these substances
- Any substances liable to produce noxious or poisonous vapours in the sewerage system
- Organic solvents and mineral oil
- Any flammable or explosive substance
- Discharges from 'Bulk Fuel Depots'
- Chromate from cooling towers
- Natural or synthetic resins, plastic monomers, synthetic adhesives, rubber and plastic emulsions
- Rain, surface, seepage or subsoil water, unless specifically permitted
- Solid matter
- Any substance assessed as not suitable to be discharged into the sewerage system waste that contains pollutants at concentrations which inhibit the sewage treatment process

19. Your declaration

Before signing, make sure you have completed all applicable questions on the form

I apply for approval to discharge trade waste into the sewer of Dubbo Regional Council and declare that the information hereon is correct and complete. In making this application I also understand that:

- If incomplete, the application may be delayed or rejected
- More information may be requested
- I am liable to pay all applicable Council fees associated with this application

Applicant's Signature(s):

2020/2021 APPLICATION/RENEWAL FEES – Classification C Discharge \$ 442.10

OFFICE USE ONLY

Application Fee: \$..... Date Paid:..... Receipt No.:..... Cashier:.....

Guideline limits for acceptance of liquid trade wastes into sewerage system			
Parameter	Acceptance Guideline Limits+ mg/L	Average mg/L	Maximum mg/L
BOD ₅ and Suspended solids	Normally, approved at 300 mg/L each. Concentration up to 600mg/L and in some cases higher concentration for low mass loadings may be acceptable if the treatment works has sufficient capacity and odour will not be a problem.		
COD	Normally, not to exceed BOD ₅ by more than three times. This ratio is given as a guide only to prevent the discharge of non-biodegradable waste.		
Total dissolved solids	Up to 4000 mg/L may be accepted. The acceptance limit may vary depending on an effluent disposal option and is subject to a mass load limit.		
Temperature	Less than 38°C.		
pH	Within the range 7.0 to 9.0.		
Oil and grease	100 mg/L if the volume of the discharge does not exceed 10% of the design capacity of the treatment works, and 50 mg/L if the volume is greater than 10%.		
Detergents	All industrial detergents are to be biodegradable. A limit on the concentration of 50 mg/L (as MBAS) may be imposed on large liquid trade wastes.		
Colour	No visible colour when the waste is diluted to the equivalent dilution afforded by domestic sewage flow.		
Radioactive substances	The discharge must comply with the <i>Radiation Control Act 1990</i> .		

Council may vary the acceptance limits having regard to the discharge characteristics and capacity of its sewerage system.

Acceptance guidelines for inorganic compounds⁺

Parameter	Acceptance Guideline Limits mg/L	Average mg/L	Maximum mg/L
Ammonia (as N)	50		
Boron	5		
Bromine	5		
Chlorine	10		
Cyanide	1		
Fluoride	30		
Nitrogen (total Kjeldahl)	100		
Phosphorus	20		
Sulphate (SO ₄)	500		
Sulphide (as S)	1		
Sulphite (as SO ₃)	15		

⁺ Council may vary the acceptance limits having regard to the discharge characteristics and capacity of its sewerage system.

Acceptance guidelines for organic compounds⁺

Parameter	Acceptance Guideline Limits mg/L	Average mg/L	Maximum mg/L
Benzene	<0.001		
Toluene	0.5		
Ethyl benzene	1		
Xylene	1		
Formaldehyde * Acceptance of chemical toilet waste which contains formaldehyde will be assessed on the available dilution in the sewerage system.	30*		
Phenolic compounds (except pentachlorophenol)	5		
Petroleum hydrocarbons (non-flammable)	30		
Pesticides (general)	0.1		
Pesticides (organophosphates)	Nil		
Pesticides (organochlorines)	Nil		
Polynuclear Aromatic Hydrocarbons (PAH)	5		

⁺ Council may vary the acceptance limits having regard to the discharge characteristics and capacity of its sewerage system.

Acceptance guideline for metals⁺

For small discharges, a daily mass load criteria may be used other than the concentration limit. An upper daily mass load can be applied to a large liquid trade waste discharge in addition to the concentration limit.

Parameter	Acceptance Guideline Limits mg/L	Allowed daily mass limit g/d	Average mg/L	Maximum mg/L
Aluminium	100	-		
Arsenic	0.5	2		
Cadmium	1	6		
Chromium *	3	10		
<p>* Where hexavalent chromium (Cr⁶⁺) is present in the process water, pre-treatment will be required to reduce it to the trivalent state (Cr³⁺), prior to discharge into the sewer. Discharge of hexavalent chromium (Cr⁶⁺) from chromate compounds used as corrosion inhibitors in cooling towers is not permitted.</p>				
Cobalt	5	15		
Copper	5	15		
Iron	100	-		
Lead	1	5		
Manganese	10	30		
Mercury	0.01	0.05		
Molybdenum	5	15		
Nickel	1	5		
Selenium	1	5		
Silver	2 [#]	5		
Tin	5	15		
Zinc	1	5		

⁺ Council may vary the acceptance limits having regard to the discharge characteristics and capacity of its sewerage system.

[#] This limit is applicable for large dischargers. The concentration of silver in the photoprocessing waste where a balancing tank is provided is not to exceed 5 mg/L.