

Please print clearly in **BLOCK LETTERS** with a black pen.  
 Ensure all fields have been filled out correctly.  
 Please tick  the appropriate boxes.  
 Once your application is received a Council Officer will contact you if further information is required.

This form is for businesses that wish to discharge **Concurrence Classification B** liquid trade wastes to the sewerage system. You should refer to *A guide to Applying for Approval to Discharge Liquid trade Waste to Sewer* or seek the advice of Council's Liquid Trade Waste Officer for assistance in determining if your business falls within Concurrence Classification B. This application requires the concurrence of the Department of Industries, Water.

**Section A Site Details**

Location of the proposed activity

Business trading name

Physical address

Suburb

Postcode

Property title description (These details can be obtained from rates notices, property deeds or Council property records)

Lot/s

Section

Deposited/Strata Plan

**Section B Applicant details**

Applicant

First name

Surname

Company name

If applicable

Trading name

Contact person

Position

Postal address

Suburb

Postcode

Contact numbers

Phone

Mobile

**Section C Business owner's details** (only complete this section if the occupier is not the applicant)

Business owner

First name

Surname

Company name

If applicable

Trading name

Contact person

Position

Postal address

Suburb

Postcode

Contact numbers

Phone

Mobile

**OFFICE USE ONLY**



Receipt No.

Receipt date

CS staff

Receipt No.

16

Allocation No.

W5145.1800.1132

Application fee

\$

Action Workflow:

## Section D Property owner details

Property owner

First name

Surname

Company name

If applicable

Trading name

Contact person

Position

Postal address

Suburb

Postcode

Contact numbers

Phone

Mobile

Property owner's consent (Property owner's authorisation to making the application is mandatory as per section 78 of the *Local Government Act 1993*)

Please note that the owner of the property will be billed for water supply, sewerage and liquid trade waste services provided and it is the owner's responsibility to pay such fees and charges within the period specified. The owner may arrange to recover such fees and charges through the lease arrangement between the owner and the occupier.

Signed

Date

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## Section E Liquid trade waste generation details

Normal hours of business

Monday to Friday

to

Saturday

to

Sunday

to

Principal business (tick one or more boxes which best describe your business)

- |  |  |   |   |
|--|--|---|---|
| <input type="checkbox"/> Auto Dismantler                 | <input type="checkbox"/> Bus/Coach Depot   | <input type="checkbox"/> Construction Equipment Workshop and Cleaning | <input type="checkbox"/> Equipment Hire Workshop and Cleaning                     |
| <input type="checkbox"/> Glass Cutting and Grinding      | <input type="checkbox"/> Gaphis Arts       | <input type="checkbox"/> Hospital                                     | <input type="checkbox"/> Laboratory (analytical, pathology, tertiary institution) |
| <input type="checkbox"/> Optical Service (with workshop) | <input type="checkbox"/> Oyster Processing | <input type="checkbox"/> Panel Beating                                | <input type="checkbox"/> Photographic Lab (water wash mini-lab)                   |
| <input type="checkbox"/> Radiator Repair                 | <input type="checkbox"/> Radiology         | <input type="checkbox"/> Screen Printing                              |   |
| <input type="checkbox"/> Shopping Complex                |  |   |   |

Other, please specify

Seating capacity

No. of beds

No. of rooms

No. of meals/day

Average units produced/serviced each day

Will hot food be prepared on-site?

Yes

No

s

Processes generating liquid trade waste (please list)

Type and quantity of raw materials processed

## Liquid Trade Waste flow characteristics

Maximum rate of discharge to sewer

kL/h or L/s

Maximum daily discharge to sewer

kL

Does/will a flow meter measure the flow rate of liquid trade waste discharged to sewer?  Yes  No

Does/will a water supply meter serve the premises?  Yes  No

Flow measurement method and location

Does/will a water supply meter serve the premises?  Yes  No When are the peak periods of discharge?

Type of discharge  Batch  Intermittent  Continuous

Any special circumstances applicable to discharge?

Season variation  Large variations between average and maximum daily loads

Retention of discharges for extended periods  Variations in flow that avoid peak domestic flows

Other, please specify

## Liquid trade waste physical and chemical characteristics

Complete the fields for expected maximum and average concentrations of pollutants listed below. Sample analysis results of the proposed liquid trade waste should be carried out by a NATA approved laboratory with accreditation for analysis of the nominated pollutants. Attach details and supporting documentation of data collection method.

Sample analysis results from the following sources may also be considered acceptable:

- Sample analysis results from a similar existing process
- Collection of the proposed waste from a trial pre-treatment plant
- Stand-alone pre-treatment equipment – manufacturer's waste quality expectations
- Configured pre-treatment – consultant's calculations based on experience of a similar installation

Write 'NIL' if there is no possibility of a pollutant from the list below being discharged to sewer because the substance is not stored or used at the premises.

### Acceptance guidelines for general parameters

Parameter	Acceptance guideline limits (mg/L)	Average Concentration (mg/L)	Maximum Concentration (mg/L)
BOD <sub>5</sub> and suspended solids	Normally approved at 300 mg/L each. Concentration up to 600 mg/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 <sub>5</sub> 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 waste generators)		
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 Radiation Control Act 1990		

## Acceptance guidelines for inorganic parameters

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

## Acceptance guidelines for organic parameters

Parameter	Acceptance guideline limits (mg/L)	Average concentration (mg/L)	Maximum concentration (mg/L)
Benzene	0.04		
Toluene	0.5		
Ethyl Benzene	1		
Xylene	1		
Formaldehyde	30*		
* Acceptance of chemical toilet waste which contains formaldehyde will be assessed on the available dilution in the sewerage system.			
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		

## Acceptance guidelines 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	1	2		
Cadmium	1	6		
Chromium *	3	15		
* Where hexavalent chromium (Cr <sup>6+</sup> ) is present in the process water, pre-treatment will be required to reduce it to the trivalent state (Cr <sup>3+</sup> ), prior to discharge to sewer. Discharge of hexavalent chromium (Cr <sup>6+</sup> ) from chromate compounds used as corrosion inhibitors in cooling towers is <b>not permitted</b> .				
Cobalt	5	15		
Copper	5	15		

Parameter	Acceptance guideline limits (mg/L)	Allowed daily mass limit g/d	Average mg/L	Maximum mg/L
Iron	100	-		
Lead	1	6		
Manganese	10	30		
Mercury	0.01	0.05		
Molybdenum	5	30		
Nickel	3	15		
Selenium	1	15		
Silver *	2	6		
Tin	5	15		
Zinc	5	15		
Total heavy metals (excluding aluminium, iron and manganese)	Less than 30mg/L and subject to total mass loading requirements			

\* This limit is applicable for large dischargers. The concentration of silver in the photo processing waste where a balancing tank is provided is not to exceed 5mg/L

### Discharges/wastes not discharged to sewer

(Provide details of management arrangements for waste streams that are going to be discharged to sewer)

### Chemicals used at the premises (Copies of Material Safety Data Sheets must be attached to the application)

Chemical name	Quantity stored on the premises (L)	State (liquid/solid)	Location within site	Bunding
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

### Stormwater

Does the site have open areas that will drain to sewer?  No  Yes, please specify

**Stormwater is prohibited from being discharged into Council's sewerage system. The capacity for such flows is not provided in the sewerage system. Therefore, Council does not generally accept the discharge of stormwater to sewer.**

The discharge of limited quantities of first flush water from sealed liquid trade waste generating areas will be considered where roofing cannot be provided because of safety or other important considerations.

Please provide the following information:

- Reasons why the area cannot be fully or partially roofed and bunded to exclude stormwater
- The dimensions and a plan of the area under consideration
- Whether the open area is sealed
- The estimated volume of the stormwater discharge
- Information on rain gauging
- Information on a first-flush system if proposed
- Measures proposed for diverting stormwater away from the liquid trade waste generating area
- A report on other stormwater management options considered and why they are not feasible.

## Pre-treatment equipment

Existing/proposed pre-treatment equipment eg grease arrestor, dry basket arrestor, cooling pit, etc. (Attach additional sheets if required):

Type	Capacity (L)	Cleaning frequency (wks)	Name of contractor

Location of sampling point

## Plans (Tick the boxes to indicate that 2 copies of these plans have been provided)

- |   |   |
|---|---|
| <input type="checkbox"/> Details and location of all processes, tanks, pits and apparatus associated with the generation of liquid trade waste.                     | <input type="checkbox"/> Capacity/dimensions, material of construction, lining and maintenance of all pits, tanks, dosing systems, pumps, etc |
| <input type="checkbox"/> Details of the proposed liquid trade waste treatment processes   | <input type="checkbox"/> Details of pipes and floor drainage conveying liquid trade waste   |
| <input type="checkbox"/> Full schematic layout of the proposed/existing waste pre-treatment facilities for liquid trade waste prior to discharge to sewerage system | <input type="checkbox"/> Details of the integrity of the pH correction system (ie diversion system, recording, alarms, failsafe, tamperproof) |
| <input type="checkbox"/> A flow diagram and hydraulic profile of proposed treatment apparatus   | <input type="checkbox"/> Stormwater drainage plan   |

## Substances prohibited from being discharged to the sewerage system (Tick the boxes to indicate these substances are not, or will not be, discharged to sewer)

- |  |  |
|--|--|
| <input type="checkbox"/> Organochlorine weedicides, fungicides, pesticides, herbicides and substances of a similar nature and/or wastes arising from the preparation of these substances | <input type="checkbox"/> Waste liquids that contain pollutants at concentrations which inhibit the sewage treatment processes – Guidelines for Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) (ARMCANZ/ANZECC, 1994) |
| <input type="checkbox"/> Organophosphorus pesticides and/or wastes arising from the preparation of these substances  | <input type="checkbox"/> Chromate from cooling towers  |
| <input type="checkbox"/> Any substances liable to produce noxious or poisonous vapours in the sewerage system  | <input type="checkbox"/> Any substance assessed as not suitable to be discharged to the sewerage system  |
| <input type="checkbox"/> Organic solvents and mineral oils   | <input type="checkbox"/> Solid matter  |
| <input type="checkbox"/> Any flammable or explosive substances   | <input type="checkbox"/> Any other substances listed in a relevant Regulation  |
| <input type="checkbox"/> Discharges from 'bulk fuel depots'  | <input type="checkbox"/> Rain, surface, seepage or subsoil water, unless specifically permitted  |
| <input type="checkbox"/> Natural or synthetic adhesives and rubber plastic emulsions   |  |

## Proposed plans for future expansion

The Applicant should be aware that approval of this application does not constitute a guarantee of future approval of any variation to the conditions of an existing approval. Such approval will be dependent upon the available capacity of the sewerage system at the time a variation is sought, and should not be assumed. However, alerting Council to future plans and proposals for expansion may assist Council in planning future sewage management and/or infrastructure additions/modifications).

- No       Yes please attach details on a separate sheet

## Supporting documentation

Please attach any other relevant supporting documentation such as Environmental Impact Statements, Consultant's Report, DECCW considerations or restrictions

## Section F Declaration and signature

I, , apply for approval to discharge liquid waste into Bega Valley Shire Council's sewerage system and declare that the information hereon is correct and complete. In making this application I also understand that if this application is incomplete, then approval may be delayed or refused and that more information may be requested. I understand that under the Government Information (Public Access) Act 2009 details contained on this application, including my name and address, will become publicly available.

Signed

Date

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