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## TRADE WASTE PERMIT APPLICATION FORM

Tenterfield Shire Council has implemented the Liquid Trade Waste Policy in accordance with NSW State Legislation (Protection of the Environment Operations Act 1997) and the NSW Governments Best Practice Management of Water Supply and Sewerage Guidelines (2007) as required by the NSW state government throughout NSW.

Under the Local Government Act 1993, Tenterfield Shire Council is responsible for approving the discharge of liquid trade waste to their sewerage system.

APPLICANTS ARE ADVISED TO COMPLETE THIS FORM IN CONJUNCTION WITH A PLUMBER, Trade Waste Permits are generally valid for five (5) years however individual cases may vary.

Please return this form to Tenterfield Shire Council, PO Box 214, TENTERFIELD within thirty (30) days.

### **DEFINITIONS**

**Liquid Trade Waste** manages all liquid waste other than sewage of a domestic nature.

**Concurrence classification A** invoices low risk liquid trade waste dischargers where:

- The waste discharged is of a low volume and/or strength;
- No pre-treatment is required, or there are prescribed standard non-complex pre-treatment devices available to treat the waste to a satisfactory level;
- Not more than two (2) pre-treatment devices are necessary to treat any single waste stream;
- The waste poses a low risk to the sewerage system, the environment and public or worker health and safety;
- Standard conditions may be used for the approval; and
- The trade waste volume is less than 5 kL/d or 1,000 kL/a, except in the case of commercial retail food preparation activities, where up to 16kL/d is allowed.

**Concurrence classification B** involves medium risk liquid trade waste dischargers defined as:

- All commercial retail activities listed as Concurrence Classification B in Appendix B of the Trade Waste Policy;
- Any Classification A activity that exceeds the Classification A flow limit of 5 kL/d or 16kL/d for specified liquid trade waste activities;
- Community/public premises;
- Education facilities;
- Hospitals;
- The volume of discharge must not exceed 20 kL/d;
- Guideline limits for acceptance of trade waste as defined in Table 8 of the Trade Waste Policy must be met; and,
- Any Classification A activity that comprises more than four (4) Concurrence Classification A discharges from a single premises or a complex. This excludes exempt Classification A activities, refer to the Trade Waste Policy for a list of exempt activities.

**Concurrence classification C** involves high risk and large liquid trade waste dischargers which:

- Are not defined as Concurrence Classification A or B activities, refer to the Trade Waste Policy Appendix B;
- Industrial waste; and
- Involves a discharge volume of over 20kL/d

## TRADE WASTE PERMIT APPLICATION FORM

### Q1 BUSINESS DETAILS

Business trading name:

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Address: .....

.....

.....Postcode.....

Property Description:

Lot.....Section.....

DP .....

### Q2 PROPERTY OWNER

(If the Crown is the owner of the land on which the premises stands, the application may be made by, or the with the consent of, a Minister or a person authorised for that purpose by a Minister)

Name: .....

Address:.....

.....

.....Postcode.....

Telephone: BH.....

AH.....

### Q3 APPLICANT (if different owner)

Name:.....

Address:.....

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.....Postcode.....

Telephone: BH.....

AH.....

### Q4 OCCUPIER (if different to owner)

Name:.....

Telephone: BH.....

AH.....

### Q5 BUSINESS HOURS

.... day to .... day: ..... to .....

Saturday: ..... to .....

Sunday: ..... to .....

### Q6 BUSINESS RELATED INFORMATION

Do you have any food waste disposal units installed:

YES/NO Number: .....

Do you have a potato peeling machine:

YES/NO

Do you have a dishwasher :

YES/NO

Number of Cycles per working day: .....

No of days in working week: .....

No of working days in year: .....

(5 day working week x 52 – 10 days public holiday = 250 days/year)

No of employees (normal working day): .....

No of rooms (if applicable): .....

### Q7 WATER INFORMATION

Is there a town water supply meter installed?

YES/NO

Average estimated town water consumption per annum:

.....KL

Size of water meter: .....mm

Other water sources: .....

☐ Bore/ground water/on-site dam/watercourse

☐ Recycled/reuse water

### Q8 TRADE WASTE FLOWS

Existing Trade waste permit no: .....

If applicable

When are the peak periods of discharge during the day?

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Type of discharge:

☐ Batch flow

☐ Intermittent flow

☐ Continuous flow

Maximum rate of discharge to sewer

.....KL/h or L/s

Maximum daily discharge to sewer

.....KL

## TRADE WASTE PERMIT APPLICATION FORM

**Q9 ARE THERE SPECIAL CIRCUMSTANCES RELATING TO YOUR BUSINESS TRADE WASTE DISCHARGE?**

- ☐ Seasonal Discharge
- ☐ Large differences between average and maximum daily loads
- ☐ Variation to flow, which avoid peak domestic flows, etc
- ☐ Retention of discharge for extended periods

Comments: .....

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.....

**Q10 NAME OF PROCESSES GENERATING LIQUID TRADE WASTE: (non domestic sewerage)**

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**Q11 TYPE OF BUSINESS**

.....

*(Select all relevant activities)*

- |   |       |
|---|-------|
| <input type="checkbox"/> Animal Care  | Go to |
| (Concurrence classification A)  | Q12   |
| <input type="checkbox"/> Commercial retail food preparation activities (concurrence class A)                              | Go to |
|   | Q17   |
| <input type="checkbox"/> Dentist/Dental Technician / Orthodontics/ Doctor/ Funeral Parlour (Concurrence Classification A) | Go to |
|   | Q13   |
| <input type="checkbox"/> Medical Centre / Hospital (Concurrence Classification B)   | Go to |
|   | Q13   |
| <input type="checkbox"/> Industrial (Concurrence Classification C)  | Go to |
|   | Q18   |
| <input type="checkbox"/> Laboratory   | Go to |
|   | Q16   |
| <input type="checkbox"/> Mechanical repairs & vehicle washing/detailing   | Go to |
|   | Q14   |
| <input type="checkbox"/> School / Tertiary education facility (Concurrence Classification B)                              | Go to |
|   | Q15   |
| <input type="checkbox"/> Swimming Pool / Spa / Hydrotherapy   | Go to |
|   | Q19   |
| <input type="checkbox"/> Other  | Go to |
| Please specify:.....  | Q19   |

**Q12 ANIMAL CARE**

*(Only complete if directed here by Q11)*

Business type:

- ☐ Animal ash / groomer (including mobile animal wash)
- ☐ Kennels / pound
- ☐ Racecourse
- ☐ Stables
- ☐ Veterinary

Does your business include any of the following associated activities / business types?

- ☐ X-ray facilities
- ☐ Pathology Laboratory
- ☐ Autopsies performed (Concurrence classification B)
- ☐ Veterinary research laboratory (Concurrence classification C)
- ☐ Restaurant
- ☐ Conference facility that serves hot food
- ☐ Open work areas (please indicate area size).....
- ☐ None of the above

**GO TO Q19**

**Q13 DENTIST/DENTAL TECHNICIAN/ORTHODONTICS/DOCTOR/FUNERAL PARLOUR**

*(Only complete if directed here by Q11)*

Does your business include any of the following associated activities/business types?

- ☐ X-ray facilities
- ☐ Laboratory (also complete Q16)
- ☐ Plaster casting
- ☐ Morgue
- ☐ Commercial food (also complete Q17)
- ☐ Cooling Towers .....L/h (Concurrence classification B)
- ☐ Other (Please specify) .....

**GO TO Q19**

## TRADE WASTE PERMIT APPLICATION FORM

### Q14 MECHANICAL REPAIRERS

(Only complete if directed here by Q11)

(i) **Type of Business:** (Select all relevant activities)

#### CONCURRENCE CLASSIFICATION A

- ☐ Stand alone garage
- ☐ Stand alone mechanical workshop
- ☐ Service station workshop only (no forecourt discharge)
- ☐ Lawnmower repairers that conduct mechanical repairs only and no other processes
- ☐ Motor boat repairers that conduct mechanical repairs only and no other processes
- ☐ Forklift maintenance

#### CONCURRENCE CLASSIFICATION B

- ☐ Automotive (car) / Truck Dealership (Fleet Vehicles)
- ☐ Car Detailer
- ☐ Motor wrecker
- ☐ Bus / coach depot
- ☐ Construction equipment maintenance
- ☐ Equipment hire premises
- ☐ Service Station

#### CONCURRENCE CLASSIFICATION C

- ☐ Airport Terminal
- ☐ Train depot
- ☐ Transport depot / terminal
- ☐ Other (please specify) .....

(ii) **Washing / detailing activities?** (Select all relevant activities)

#### CONCURRENCE CLASSIFICATION A

- ☐ Washing of car by hand or with a high pressure wand
- ☐ Degreasing of car engine
- ☐ Washing of car under bodies

### Q14 CONT....

#### CONCURRENCE CLASSIFICATION B

- ☐ Automotive drive-through / self service car wash
- ☐ Truck washing (external)
- ☐ Washing of hire equipment
- ☐ Construction / plant equipment washing
- ☐ Internal washing of meat vans
- ☐ Washing of truck underbodies

#### CONCURRENCE CLASSIFICATION C

- ☐ Truck washing (internal)
- ☐ Train washing facility
- ☐ Internal tanker washing

(iii) **Does your business include any of the following associated mechanical workshop activities?** (Select all relevant activities)

#### CONCURRENCE CLASSIFICATION A

- ☐ Parts washing with water
- ☐ Floor washing
- ☐ Cleaning of engine blocks and engine heads in chemical baths

#### CONCURRENCE CLASSIFICATION B

- ☐ Draining and flushing of radiator coolant **(not permitted for discharge)**
- ☐ Parts washing with solvents **(not permitting for discharge)**
- ☐ Automobile dismantling (i.e. motor wrecker)
- ☐ Engine/gearbox reconditioner (sent off site)
- ☐ Panel beating
- ☐ Wet rubbing
- ☐ Spray painting

#### CONCURRENCE CLASSIFICATION C

- ☐ Radiator repairs
- ☐ Engine / gearbox reconditioner (carried out on site)

## TRADE WASTE PERMIT APPLICATION FORM

**Q14 CONT....**

**(iv) Does your business include any of the following associated activities / business types?** (Select relevant activities)

- ☐ Restaurant (no of seats).....  
(Concurrence classification A)
- ☐ Take away food bar (no of seats).....  
(Concurrence classification A)
- ☐ Service station forecourt food caravan(s)  
(Concurrence classification A)
- ☐ Boiler blowdown (*steam supply for  
Internal washing of tankers*)  
(Concurrence Classification A)
- ☐ Chemical toilet disposal  
(Concurrence classification B)
- ☐ Other (Please specify).....

**GO TO Q19**

**Q15 SCHOOL / TERTIARY EDUCATION FACILITY**  
(Only complete if directed here by Q11)

Does your business include any of the following associated activities / business types?

- ☐ Canteen / restaurant / commercial cooking facility  
(also complete Q17)
- ☐ Home science cooking
- ☐ Photographic Laboratory
- ☐ Science Laboratory
- ☐ Tertiary Institute Laboratory
- ☐ Crafts (clay, pottery, ceramics, cutting and polishing  
gem stones and / or the making of jewellery)  
*Approximate water usage .....L/day*
- ☐ Cooling Towers ..... L/h
- ☐ Other  
Please specify .....

**GO TO Q19**

**Q16 LABORATORY**

(Only complete if directed here by Q11)  
(Select all relevant activities)

**CONCURRENCE CLASSIFICATION A**

- ☐ Analytical
- ☐ Pathology

**CONCURRENCE CLASSIFICATION B**

- ☐ Autopsy
- ☐ Clinical
- ☐ Dental
- ☐ Hospital
- ☐ Soil Testing
- ☐ Tertiary institution
- ☐ X-ray

**CONCURRENCE CLASSIFICATION C**

- ☐ Agricultural research centre
- ☐ Agriculture research (herbicides)
- ☐ Animal Health (parasitology)
- ☐ Chemical
- ☐ Film (movies)
- ☐ Nuclear medicine (radiology)
- ☐ Pharmaceutical
- ☐ Photographic
- ☐ Police crime scene unit
- ☐ Radioisotope
- ☐ Veterinary research
- ☐ Workplace

**GO TO Q19**

**Q17 COMMERCIAL RETAIL FOOD PREPARATION ACTIVITIES:**

(Only complete if directed here by Q11)  
(Select activity and detail the number of seats / beds associated with each activity)

Activity	No of seats / beds
<input type="checkbox"/> Bakery (only bread baked on site) <input type="checkbox"/> Bakery (pies, cakes etc cooked on premises) <input type="checkbox"/> Bistro (hot food) <input type="checkbox"/> Bistro (no hot food)	NIL

## TRADE WASTE PERMIT APPLICATION FORM

Activity	No of Seats / beds
<input type="checkbox"/> Butcher – retail (internal washing of Meat vans YES / NO)	NIL
<input type="checkbox"/> Café	
<input type="checkbox"/> Cafeteria	
<input type="checkbox"/> Canteen	
<input type="checkbox"/> Caterer	
<input type="checkbox"/> Club (hot food)	
<input type="checkbox"/> Club (no hot food)	
<input type="checkbox"/> Coffee Shop / Sandwich Shop / Salad Bar (no hot food)	
<input type="checkbox"/> Coffee Shop / Sandwich Shop / Salad Bar (hot food)	
<input type="checkbox"/> Commercial Kitchen / caterer (Concurrence classification B)	
<input type="checkbox"/> Community Hall (hot food)	
<input type="checkbox"/> Community Hall (minimal food only)	
<input type="checkbox"/> Chicken – BBQ / charocol	
<input type="checkbox"/> Chicken – fresh, no cooking on site	
<input type="checkbox"/> Day care centre (hot food)	
<input type="checkbox"/> Day care centre (no hot food)	
<input type="checkbox"/> Delicatessen (hot food)	
<input type="checkbox"/> Delicatessen (no hot food)	
<input type="checkbox"/> Doughnut Shop	
<input type="checkbox"/> Fast food (Burger King, KFC, McDonald, Red Roster)	
<input type="checkbox"/> Fish Shop – cooking on site	
<input type="checkbox"/> Fish Shop – fresh, no cooking on site	
<input type="checkbox"/> Food Caravan	
<input type="checkbox"/> Fruit & Veg – retail	NIL
<input type="checkbox"/> Function Centre	
<input type="checkbox"/> Guesthouse / hostel	
<input type="checkbox"/> Hotel bistro	
<input type="checkbox"/> Hotel restaurant	
<input type="checkbox"/> Hotel snack bar	
<input type="checkbox"/> Ice cream parlour (eat in)	
<input type="checkbox"/> Ice cream parlour (take away only)	
<input type="checkbox"/> Juice bar	
<input type="checkbox"/> Loading dock – fruit and vegetables	
<input type="checkbox"/> Mixed Business (hot food)	
<input type="checkbox"/> Mixed Business (minimal hot food)	
<input type="checkbox"/> Motel Small (breakfast only, no hot food)	

Activity	No of Seats / Beds
<input type="checkbox"/> Motel (hot food) <input type="checkbox"/> Nightclub <input type="checkbox"/> Nursing Home <input type="checkbox"/> Patisserie <input type="checkbox"/> Pizza cooking / reheating (no preparation or washing up on site, sold for consumption off site) <input type="checkbox"/> Pizza home delivery / take away only <input type="checkbox"/> Pizza Restaurant <input type="checkbox"/> Pizzeria <input type="checkbox"/> Restaurant <input type="checkbox"/> Supermarket – incorporating butchers <input type="checkbox"/> Take away (fish & chips, burgers, BBQ chicken) <input type="checkbox"/> Take away (no hot food) <input type="checkbox"/> Other Please specify .....	

**GO TO Q19**

**Q18**      **INDUSTRIAL / CONCURRENCE**  
**CLASSIFICATION C**  
*(Only complete if directed here by Q11)*  
*(Select all relevant activities)*

<input type="checkbox"/> Abattoir	<input type="checkbox"/> Acid Picking
<input type="checkbox"/> Adhesive / latex Manufacturing	<input type="checkbox"/> Agriculture and veterinary drugs
<input type="checkbox"/> Aluminium Processing	<input type="checkbox"/> Anodising
<input type="checkbox"/> Bakery (Wholesale)	<input type="checkbox"/> Bitumen and Tar
<input type="checkbox"/> Bottle Washing	<input type="checkbox"/> Brewery
<input type="checkbox"/> Butcher (Wholesale)	<input type="checkbox"/> Cannery
<input type="checkbox"/> Cardboard & Paper Manufacture	<input type="checkbox"/> Caustic degreasing
<input type="checkbox"/> Cereals	<input type="checkbox"/> Cheese / butter Manufacture
<input type="checkbox"/> Chemical Manufacture	<input type="checkbox"/> Chemical repackaging

## TRADE WASTE PERMIT APPLICATION FORM

**Q18 CONT...**

- |   |  |
|---|--|
| <input type="checkbox"/> Chrome tanning                 | <input type="checkbox"/> Condiments / sauces                         |
| <input type="checkbox"/> Confectionery                  | <input type="checkbox"/> Contaminated site / tank treatment facility |
| <input type="checkbox"/> Cooling towers                 | <input type="checkbox"/> Cordials                                    |
| <input type="checkbox"/> Cosmetics & Perfumes           | <input type="checkbox"/> Cotton / synthetics / dyeing / spinning     |
| <input type="checkbox"/> Cyanide Hardening              | <input type="checkbox"/> Dairy products                              |
| <input type="checkbox"/> Detergent Manufacture          | <input type="checkbox"/> Detergent mixing                            |
| <input type="checkbox"/> Drum washing                   | <input type="checkbox"/> Edible oils & fats                          |
| <input type="checkbox"/> Egg processing                 | <input type="checkbox"/> Electroplating                              |
| <input type="checkbox"/> Engine / gearbox Reconditioner | <input type="checkbox"/> Essence & Flavours                          |
| <input type="checkbox"/> Extrusion & Moulding           | <input type="checkbox"/> Feather washing                             |
| <input type="checkbox"/> Fellmonger                     | <input type="checkbox"/> Felt manufacturer                           |
| <input type="checkbox"/> Fertilisers                    | <input type="checkbox"/> Fibreglass                                  |
| <input type="checkbox"/> Filter washing                 | <input type="checkbox"/> Fish co-op                                  |
| <input type="checkbox"/> Flour mill                     | <input type="checkbox"/> Food processing Factory                     |
| <input type="checkbox"/> Foundry                        | <input type="checkbox"/> Fruit & Vegetable Processing                |
| <input type="checkbox"/> Fruit Juice (factory)          | <input type="checkbox"/> Galvanising                                 |
| <input type="checkbox"/> Glass Manufacture              | <input type="checkbox"/> Grease Trap waste disposal                  |
| <input type="checkbox"/> Honey processing               | <input type="checkbox"/> Ice cream Manufacture                       |
| <input type="checkbox"/> Industrial Waste Treatment     | <input type="checkbox"/> Ink manufacture                             |
| <input type="checkbox"/> Joinery & Furniture            | <input type="checkbox"/> Laboratory                                  |
| <input type="checkbox"/> Leather finishing              | <input type="checkbox"/> Liquid wastewater Treatment facility        |
| <input type="checkbox"/> Meat packing / Preserving      | <input type="checkbox"/> metal finishing                             |
| <input type="checkbox"/> Metal processing               | <input type="checkbox"/> Mirrors                                     |
| <input type="checkbox"/> Oil recycling                  | <input type="checkbox"/> Oil refinery                                |
| <input type="checkbox"/> Optical equipment Manufacture  | <input type="checkbox"/> Paint manufacture                           |

**Q18 CONT...**

- |   |  |
|---|--|
| <input type="checkbox"/> Panel Beating / Spray painting       | <input type="checkbox"/> Paper manufacture & pulp processing |
| <input type="checkbox"/> Pet Food Processing                  | <input type="checkbox"/> Pharmaceutical manufacture          |
| <input type="checkbox"/> Phosphating                          | <input type="checkbox"/> Photographic Laboratory             |
| <input type="checkbox"/> Pickles                              | <input type="checkbox"/> Pie manufacture                     |
| <input type="checkbox"/> Plants retail / Nursery (open areas) | <input type="checkbox"/> Plaster                             |
| <input type="checkbox"/> Potato processing                    | <input type="checkbox"/> Poultry abattoir                    |
| <input type="checkbox"/> Printing                             | <input type="checkbox"/> Radiator repair                     |
| <input type="checkbox"/> Research Laboratory                  | <input type="checkbox"/> Rubber Laboratory                   |
| <input type="checkbox"/> Saleyards                            | <input type="checkbox"/> Service Station                     |
| <input type="checkbox"/> Sheet metal Fabrication              | <input type="checkbox"/> Small goods manufacture             |
| <input type="checkbox"/> Soaps / detergents                   | <input type="checkbox"/> Soft drink Manufacture              |
| <input type="checkbox"/> Starch Manufacture                   | <input type="checkbox"/> Steam cleaning                      |
| <input type="checkbox"/> Sugar refinery                       | <input type="checkbox"/> Tanker washing                      |
| <input type="checkbox"/> Tannery                              | <input type="checkbox"/> Tea/Coffee manufacture              |
| <input type="checkbox"/> Textile manufacture                  | <input type="checkbox"/> Timber processing                   |
| <input type="checkbox"/> Tip leachate                         | <input type="checkbox"/> Train depot                         |
| <input type="checkbox"/> Transport depot / Terminal           | <input type="checkbox"/> Water treatment backwash            |
| <input type="checkbox"/> Waxes / polishes                     | <input type="checkbox"/> Windscreens                         |
| <input type="checkbox"/> Wine & Spirit Bottling               | <input type="checkbox"/> Winery                              |
| <input type="checkbox"/> Wool processing                      | <input type="checkbox"/> Yeast manufacture                   |
| <input type="checkbox"/> Other<br>Please specify .....        |  |

**GO TO Q19**

**ALL APPLICANTS MUST COMPLETE Q19 TO Q22**

**Q19 IS THERE A RESIDENCE ATTACHED TO THE BUSINESS (Same water meter)?**

YES / NO

If YES, does it have garden watering?

YES / NO

## TRADE WASTE PERMIT APPLICATION FORM

### Q20 DETAILS OF EXISTING / PROPOSED PRE-TREATMENT EQUIPMENT:

- ☐ Grease arrestor
  - ☐ Dry basket arrestor with fixed screens
  - ☐ Sink screen / strainer
  - ☐ Fixed or removable mesh screen
  - ☐ Coalescing plate interceptor or separator
  - ☐ Vertical gravity separator
  - ☐ Hydrocyclone separation system
  - ☐ Cooling Pit
  - ☐ Balancing, averaging, neutralising pit/tank
  - ☐ General purpose pit
  - ☐ Solids settlement pit / silt arrestor
  - ☐ Baffled settlement pit
  - ☐ Lint screen
  - ☐ Plaster arrestor
  - ☐ Silver recovery unit
  - ☐ Other: .....
- Type: .....
- Size / flow rate: .....

### Q21 DETAILS OF CLEANING SCHEDULE OF PRE-TREATMENT EQUIPMENT:

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### APPLIACTIONS ARE TO BE ACCOMPANIED BY TWO (2) COPIES OF THE FOLLOWING PLANS:

#### CONCURRENCE CLASSIFICATION A, B & C

- ☐ Details and location of sampling point
- ☐ Details and location of all processes, tanks, pits and apparatus associated with the generation of commercial waste
- ☐ Details, location, capacity/dimensions, material of construction and lining of the proposed pre-treatment facilities
- ☐ Details of pipes and floor drainage conveying the effluent and,
- ☐ Stormwater drainage plan if applicable

#### CONCURRENCE CLASSIFICATIONS B & C

- ☐ Details of the proposed liquid waste treatment process
- ☐ A full schematic layout of the proposed / existing waste pre-treatment facilities for liquid trade waste prior to discharge to the sewerage system
- ☐ Flow diagram & hydraulic profile of proposed treatment apparatus
- ☐ Details of the integrity of the pH correction system where applicable (diversion system, recording, alarms – location, failsafe, tamperproof) and
- ☐ Any other relevant information



## TRADE WASTE PERMIT APPLICATION FORM

### Q22 ARE OUTDOOR WORK AREAS ROOFED AND BUNDED TO PREVENT STORMWATER INGRESS INTO THE SEWERAGE SYSTEM?

YES / NO

Stormwater is prohibited from being discharged into the 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 into the sewerage system.

The discharge of limited quantities of first flush water from liquid trade waste generally 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 banded to exclude stormwater
- ☐ The dimensions and a plan of the area under consideration
- ☐ 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 and
- ☐ Report on other stormwater management options considered and why they are not feasible

### PROHIBITED SUBSTANCES

The following substances are prohibited from being discharged into the sewerage system:

- Organochlorin weedicides, fungicides, pesticides, herbicides and substances of a similar nature and / or wastes arising from the preparation of these substances
- Organophosphorus pesticides and / or wastes 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 substances
- 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 to the sewerage system
- Waste liquids that contain pollutants at concentrations which inhibit the sewerage treatment process – refer to Guidelines of Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) (ARMCANZIANZECC, 1994) and
- Any other substances listed in a relevant regulation

**Concurrence Classification B and C must also complete pages 9 to 12**

**ALL APPLICANTS MUST SIGN THE DECLARATION ON PAGE 15**

## TRADE WASTE PERMIT APPLICATION FORM

To be completed by Concurrence classification B or C only

### Q23 TYPE AND QUANTITY OF RAW MATERIAL PROCESSED:

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### Q24 DESCRIPTION OF WASTE:

List all expected pollutants including substances contained in wash down detergents, boiler and cooling water and other sources:

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List all expected maximum and average concentrations of pollutants using the tables on pages ...10...to ...12.....

**Applicants are to provide details of management arrangement of waste streams / wastes that are not permitted or not intended to be discharges to the sewerage system.**

### APPLICATIONS ARE TO BE ACCOMPANIED BY SAMPLE ANALYSIS RESULTS OF THE PROPOSED WASTE

**Note:** *The sample analysis test shall be carried out by NATA approved laboratory that has accreditation for analysis of the nominated pollutants in the application, or a laboratory acceptable to DEUS.*

Acceptable means of sample of analysis data collection:

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

Attach details and supporting documentation of data collection method.

### SUPPORTING DOCUMENTATION:

Please attach any relevant supporting documentation e.g.:

#### CONCURRENCE CLASSIFICATION B & C

- ☐ Details of any recycling program or water reuse system
- ☐ Details of solids disposal
- ☐ Details of plants for future expansion
- ☐ DEC considerations / restrictions

#### CONCURRENCE CLASSIFICATION CLASSIFICATIONS C

- ☐ Environmental Impact Statement
- ☐ Trade Waste consultants report
- ☐ Details of intended use of introduced micro-organisms
- ☐ Due diligence program and contingency plan OR a copy of the companies Environmental Management Plan

# TRADE WASTE PERMIT APPLICATION FORM

To be completed by Concurrence classification B or C only

## DETAILS OF CHEMICALS TO BE USED ON SITE

**Note:** Attach Material Safety Data Sheets prepared in accordance with the National Code of Practise (NOHSC : 2011) for chemicals to be used and are likely to be contained in the waste effluent.

Substance	Quantity	Storage Liquid / solid	Location	Bunding

## ACCEPTANCE GUIDELINES FOR SUBSTANCES FOUND IN DOMESTIC SEWERAGE

Parameter	Acceptance Guideline Limits (mg/L)	Average (mg/L)	Maximum (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 (3) times.		
Total dissolved solids	Up to 4000 mg/L may be accepted. The acceptable limit may vary depending on an effluent disposal option and is subject to a mass load limit.		
Temperature	Less than 38C		
pH	Within the range 7.0 to 9.0		
Oil & 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 then 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 sewerage flow.		
Radioactive substances	The discharge must comply with Radiation Control Act 1990.		

**TRADE WASTE PERMIT APPLICATION FORM**  
To be completed by Concurrence classification b or C only

ACCEPTANCE GUIDELINES FOR INORGANIC COMPOUNDS

Parameter	Acceptance Guideline Limits (mg/L)	Average (mg/L)	Maximum (mg/L)
Ammonia (as N)	50		
Boron	25		
Bromine	5		
Chlorine	10		
Cyanide	5		
Fluoride	20		
Nitrogen (total Kjeldahl)	100		
Phosphorus	20		
Sulphate (SO <sub>4</sub> )	100		
Sulphide (as S)	1		
Sulphite (as SO <sub>3</sub> )	15		

ACCEPTANCE GUIDELINES FOR ORGANIC COMPOUNDS

Parameter	Acceptance Guideline Limits (mg/L)	Average (mg/L)	Maximum (mg/L)
Formaldehyde *	50		
Phenolic compounds (except pentachlorophenol)	10		
Petroleum hydrocarbons (non-flammable)	30		
Pesticides (general)	0.1		
Pesticides (organophosphates)	NIL		
Pesticides (organochlorines)	NIL		

# TRADE WASTE PERMIT APPLICATION FORM

To be completed by Concurrence classification B or C only

## ACCEPTANCE GUIDELINES FOR METALS

For small discharges, 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	2	6		
Chromium *	5	15		
Cobalt	5	15		
Copper	5	15		
Iron	100	-		
Lead	2	6		
Manganese	10	30		
Mercury	0.02	0.05		
Molybdenum	10	30		
Nickel	5	15		
Selenium	5	15		
Silver *	2	6		
Tin	5	15		
Zinc	5	15		

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# 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 into the sewer. Discharge of hexavalent chromium (Cr<sup>6+</sup>) from chromate compounds used as corrosion inhibitors in cooling towers is **not permitted**.

<sup>\$</sup> This limit is applicable for large discharges. The concentration of silver in the photoprocessing waste where a balance tank is provided is not to exceed 5 mg/L.

## TRADE WASTE PERMIT APPLICATION FORM

### Declaration

#### DECLARATION

I declare that the information provided in this application is true and correct to the best of my knowledge:

Signature of occupier / applicant ..... Date .....

Position in company .....

Signature of Property/Building owner ..... Date .....

(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 waste supply, sewerage and liquid trade waste services provided and it is the owners 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.**

The applicant should be aware that the approval of this application does not constitute a guarantee of any future approval of variation to the approval. This will be dependent on the available capacity of the sewerage system at the time and any future approval must not be assumed.

However, alerting Council to the applicant's future plans and proposals may assist the Council in planning the future sewerage management and / or infrastructure additions / modifications.

#### **Application fee** (All Categories)

New Business or Change of Business activity: \$323.00

Change of Business Owner/Name/Property owner provided the business activity has not changed: \$ 194.00

Re-Inspection fee: \$144.00

Approval Renewal fee (5 yearly): \$144.00

*A tax invoice for the application fee will be issued by Tenterfield Shire Council following the processing of your application*

#### **OFFICE USE ONLY**

Application date received .....

Site visit conducted .....

Application refused/approved ..... Date .....

Permit No .....

Date discharges to commence .....

Application assessed by .....