

**APPLICATION FOR APPROVAL TO DISCHARGE LIQUID
TRADE WASTE INTO COUNCIL'S SEWER**

Tamworth Regional Council
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CONCURRENCE B & C

S.68 LOCAL GOVERNMENT ACT 1993

OFFICE USE ONLY

File No.

Development Consent No.

Date of Determination.

Applicant advised of Special Conditions of Approval by letter on

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Rec No.

Date:

Part 1 SITE & APPLICANT DETAILS

(1) LOCATION OF THE PROPOSED ACTIVITY

Business trading name: _____

Site address: No _____ Street _____

Town/Suburb _____ Postcode _____

Property description: Lot _____ Section _____ DP _____

(2) PROPERTY OWNERS DETAILS (IF REPRESENTING A COMPANY, APPLY IN THE COMPANY'S NAME)

Property owner's name: _____

Telephone: BH _____ AH _____

Property owner's address: _____

(3) APPLICANTS DETAILS

Applicant's name: (if different to the owner) _____

Telephone: BH _____ AH _____

Applicant's address: _____

(4) OCCUPIERS DETAILS

Occupier's name: (if different to the owner) _____

Telephone: BH _____ AH _____

Part 2 BUSINESS DETAILS

(1) NORMAL HOURS OF BUSINESS:-

Monday to Friday: to

Saturday: to

Sunday: to

(2) TYPE OF BUSINESS: Please attached trade waste category determination checklist (tick as attached).

If other specify: _____

Please supply the following if applicable

Seating capacity _____ No. of beds _____ No. of rooms _____

No. of meals/day _____

Will hot food be prepared? Yes No

Part 3 LIQUID TRADE WASTE DETAILS

(1) NAME OF PROCESSES GENERATING LIQUID TRADE WASTE:-

- i) _____
- ii) _____
- iii) _____
- iv) _____
- v) _____
- vi) _____

(2) TYPE AND QUANTITY OF RAW MATERIALS PROCESSED

(3) DESCRIPTION OF WASTE'S CHEMICAL AND PHYSICAL CHARACTERISTICS:-

Please complete the trade waste chemical and physical concentration section on page 3. If you are unable to calculate the expected trade waste concentrations or use existing results, you may refer to the manufacturers design parameters of any pre-treatment equipment being installed, or make an estimation based on results from a similar operation. If data is unavailable Council will assume industry default concentrations apply until sampling/testing establishes otherwise

Note - The sample analysis tests shall be carried out by a NATA approved laboratory with accreditation for analysis of the nominated pollutants.

Please attach details and supporting documentation of how data was collected.

Biological Oxygen Demand (BOD5) _____ mg/L

Chemical Oxygen Demand (COD) _____ mg/L

Suspended Solids _____ mg/L

Total Oil & Grease _____ mg/L

Total Nitrogen (TN measured as Kjeldahl) _____ mg/L

Total Phosphorus _____ mg/L

Total Petroleum Hydrocarbons _____ mg/L

Sulphur based compounds _____ mg/L

Maximum Temperature _____ °C

pH Range Minimum _____ Maximum _____

Are heavy metals present? Yes (Provide details)*
 No

Are other chemicals present? Yes (Provide details)*
 No

*Other details & concentrations _____

Part 4 LIQUID TRADE WASTE FLOW DETAILS

(1) DESCRIPTION OF FLOW:-

Hours of days during which discharge will normally take place _____

Monday – Friday: _____ am _____ pm

Saturday: _____ am _____ pm

Sunday: _____ am _____ pm

When are the peak periods of discharge during the day? _____

Type of discharge:-

- Batch flow
- Intermittent flow
- Continuous flow

(2) DESCRIPTION OF FLOW:-

Maximum rate of discharge to sewer: _____ Litres/second

Maximum daily discharge to sewer: _____ kilolitres/day

(3) WHERE THE APPLICANT CONSIDERS THERE ARE SPECIAL CIRCUMSTANCES APPLICABLE TO THEIR DISCHARGE, THESE CIRCUMSTANCES SHOULD BE IDENTIFIED, eg:-

- seasonal discharges
- large differences between average and maximum daily loads
- variations to flow, which avoid peak domestic flows, etc.
- retention of discharges for extended periods.

Comments _____

(4) UNROOFED OR OPEN AREAS (Please Attach Stormwater Drainage Plan For The Site):-

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.

Does the proposed installation contain open areas that will drain to the sewerage system? .

- Yes (Provide details)*
- No

*If Yes provide details:-

The discharge of limited quantities of first flush water from 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 as attachments (tick as attached.)

- 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;
- 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.

(5) WATER SUPPLY SOURCE:-

- Bore/ground water/on-site dam/watercourse
- Recycled/reuse water
- Town water
- Any water supply meter being installed

Comments _____

(6) FLOW MEASUREMENT LOCATION AND PROPOSED FLOW MEASUREMENT TO SEWER

Please attach details of flow measurement installed/proposed

Part 5 LIQUID TRADE WASTE TREATMENT DETAILS

(1) TRADE WASTE SAMPLING POINT LOCATION

(2) EXISTING/PROPOSED WASTE TREATMENT AND EQUIPMENT:-

Type: _____

Size (Litres)/flow rate (Litres/hour): _____

Type: _____

Size (Litres)/flow rate (Litres/hour): _____

Type: _____

Size (Litres)/flow rate (Litres/hour): _____

(3) PROPOSED CLEANING SCHEDULE OF PRE-TREATMENT EQUIPMENT AND CONTRACTOR

<i>Pre-treatment Equipment</i>	<i>Frequency (weeks)</i>	<i>Name of Contractor</i>	<i>Licence</i>

NOTE: The pre-treatment equipment on the premises for the treatment of the liquid trade waste is to be kept clean and maintained in an efficient condition to the satisfaction of the Council and must not be modified without the approval in writing of Council.

(4) DETAILS OF THE CHEMICALS TO BE USED ON SITE:-

<i>Substance</i>	<i>Qty</i>	<i>Storage liquid/solid</i>	<i>Location</i>	<i>Bunding</i>

NOTE: Attach Material Safety Data Sheets prepared in accordance with the National Code of Practice [NOHSC : 2011] for chemicals to be used and are likely to be contained in the waste effluent

(5) ARE THERE ANY PROPOSED PLANS FOR FUTURE EXPANSION?

- Yes (Provide details on a separate attachment)
 No

REQUIRED ATTACHMENTS

This application is to be accompanied by 2 copies of plans showing the following: (please tick to ensure plans cover all aspects)

- details and location of all processes, tanks, pits and apparatus associated with the generation of industrial waste
- details of the proposed liquid waste treatment processes
- details of pipes, floor drainage used to convey the effluent
- 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
- capacity/dimensions, material of construction and lining, operation and maintenance of all pits, tanks, dosing systems, pumps, etc.
- details of the integrity of the pH correction system (diversion system, recording, alarms –location, failsafe, tamperproof).
- any additional details as requested by the local water utility.

The following substances are 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 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 sewage treatment process – refer Guidelines for Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) (ARMCANZ/ANZECC, 1994); and
- any other substances listed in a relevant regulation

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

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

Signature of Property owner/s _____ 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 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.

Signature of occupier/applicant _____ Date ____ / ____ / ____

Position in Company _____

OFFICE USE ONLY:

Date application received: _____

Site visit conducted: _____

Application: _____ (approved / refused)

Issue of Approval: _____

Approval No. _____

Commencement of discharge: _____ Officer in charge: _____