

Blayney Shire Council

DISCHARGE OF LIQUID TRADE WASTE APPROVAL

APPLICATION FORM - BC

This application form is for businesses that intend to discharge certain medium risk ('Concurrence Classification B') liquid trade wastes to the sewerage system. Please include all details as requested. When finished return this form to Council, including attachments.

Business activity

Please indicate the nature of your business. Please refer to the accompanying list 'Liquid Trade Waste – business activity classifications'. Include more than one activity if appropriate.

#	Activity	No. of seats/beds (as applicable)

Please indicate if your premise contains the following:

Item	Yes	No	Number
Potato peeling appliances	<input type="checkbox"/>	<input type="checkbox"/>	
Dishwasher/s	<input type="checkbox"/>	<input type="checkbox"/>	

1. Normal hours of business

	Start	Finish
Monday to Friday		
Saturday		
Sunday		

2. Description of flow

Large dischargers are required to provide a balancing tank to even out the load on the sewage treatment works.

Maximum rate of discharge to sewer	kL/h or L/s	
Maximum daily discharge to sewer	kL	
Average daily discharge to sewer	kL	
Peak periods of discharge during the day		
Type of discharge	Yes	No
• Batch flow	<input type="checkbox"/>	<input type="checkbox"/>
• Intermittent flow	<input type="checkbox"/>	<input type="checkbox"/>
• Continuous flow	<input type="checkbox"/>	<input type="checkbox"/>

Are there special circumstances applicable to the discharge?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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If Yes, please identify.

Circumstance	Tick	Details
Seasonal discharge	<input type="checkbox"/>	
Large difference between average and maximum daily load	<input type="checkbox"/>	
Variations to flow which avoid peak domestic flow	<input type="checkbox"/>	
Retention of discharges for extended periods	<input type="checkbox"/>	

3. Water supply source

Source	Tick
Bore/ground water	<input type="checkbox"/>
On-site dam	<input type="checkbox"/>
Watercourse	<input type="checkbox"/>
Recycled/re-use water	<input type="checkbox"/>
Town water (see below)	<input type="checkbox"/>

4. Water supply meter

Is the supply of water to this business metered?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, what is the meter number?		

5. Flow Measurement

Will the discharge of liquid trade waste to the sewer be measured?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, provide details/plans of the method and location of flow measurement.		

6. Open Areas

Does the proposed installation contain open areas that will drain to the sewerage system?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide details (including stormwater drainage plans for the site). Refer Note 2		

Location of sampling point (if applicable, provide a site plan)

7. Existing/proposed pre-treatment equipment

Type	Tick	Size	Design/Manufacturer	Flow Rate
1. Grease arrestor	<input type="checkbox"/>			
2. Dry basket arrestor with fixed	<input type="checkbox"/>			
3. Sink screen/strainer	<input type="checkbox"/>			
4. Fixed or removable mesh screen	<input type="checkbox"/>			
5. Coalescing plate interceptor or	<input type="checkbox"/>			
6. Vertical gravity separator	<input type="checkbox"/>			
7. Hydrocyclone separation system	<input type="checkbox"/>			
8. Cooling pit	<input type="checkbox"/>			
9. Balancing, averaging, neutralising	<input type="checkbox"/>			
10. General purpose pit	<input type="checkbox"/>			
11. Solids settlement pit / silt arrestor	<input type="checkbox"/>			
12. Baffled settlement pit	<input type="checkbox"/>			
13. Lint screen	<input type="checkbox"/>			
14. Plaster arrestor	<input type="checkbox"/>			

Refer Note 3 for detailed information required

8. Proposed cleaning schedule (if applicable)

Please provide details of the proposed cleaning schedule of the designated pre-treatment equipment and names of the licensed contractor who will perform the work.

Pre-treatment equipment	Frequency (Weeks)	Contractor	Licence

9. Chemical details (if applicable)

Please provide details of any chemicals that will be used in the pre-treatment process. Attach all Material Safety Data Sheets for chemicals to be used and are likely to be contained in the waste effluent.

Substance	Qty	Storage		Location	Bunding	
		Liquid	Solid		Yes	No

10. Future expansion

Are there any plans for future expansion of the activities that generate liquid trade waste?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide details as an attachment		

11. Supporting documentation

Please attach a copy of any relevant supporting documentation

Item	Attached	Not Applicable
Environmental impact statement	<input type="checkbox"/>	<input type="checkbox"/>
Consultant's report	<input type="checkbox"/>	<input type="checkbox"/>
DEC (EPA) considerations/restrictions	<input type="checkbox"/>	<input type="checkbox"/>
Sampling results (e.g. Lab report)	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify)	<input type="checkbox"/>	<input type="checkbox"/>

Notes:

- Sample analysis tests must be conducted by a NATA approved laboratory with accreditation for analysis of the nominated pollutants. Details and supporting documentation of data collection method must be attached. Acceptable means of sample analysis data collection are:
 - 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 process consultant's calculations based on experience of a similar installation
- 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 into the sewerage system. 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. Information required for Council to consider the discharge of first flush water includes:
 - 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
 - a report on other stormwater management options considered and why they are not feasible
- This application must be accompanied by two copies of plans showing:
 - details and location of all processes, tanks, pits and apparatus associated with the generation of trade waste
 - details of the proposed liquid waste treatment process
 - 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 and 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, alarm – location, failsafe, tamperproof)

Office Use			
APPLICATION No.	Information Complete	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Council Details	
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