



Tumbarumba Office: Bridge St (PO Box 61), Tumbarumba NSW 2653
 Tumut Office: 76 Capper St, Tumut NSW 2720
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Liquid Trade Waste Application Form

High Risk & Large Dischargers

Volumes greater than 20 kL/day

This application form is for businesses that wish to discharge liquid trade waste to the wastewater system. Please include all details as requested. When completed, please lodge this form with the Council, along with attachments.

Please note that Category 3 charges are applicable to this application.

APPLICANT DETAILS				
Applicant Name:		Date:		
Postal Address:				
Email Address:				
Phone No:				
Preferred option for bill delivery:	<input type="checkbox"/> Post <input type="checkbox"/> Email			
Development Application No: <small>(if applicable)</small>				
Applicant's Signature:				
PROPERTY DETAILS				
Property Address:				
Assessment Number: <small>(or Lot / Section / DP)</small>				
Property Owner Name: <small>(if different from applicant details)</small>				
Property Owner Address: <small>(if different from applicant details)</small>				
Property Owner Phone No: <small>(if different from applicant details)</small>				
OCCUPIERS DETAILS				
Occupiers Name:				
Business/Company Name:				
Postal Address:				
Email Address:				
Phone No:				
Normal Hours of Operation:	Monday to Friday		to	
	Saturday		to	
	Sunday		to	
Type of Business:				
Maximum Flowrate of Discharge to Wastewater System: <small>(kL/h or L/s)</small>				
Maximum Daily Discharge to Wastewater System (kL):				



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SITE DETAILS:	
Water Meter No:	
Details of Backflow Prevention Device:	
Details of Existing/Proposed Liquid Trade waste Pre-Treatment equipment: (grease arrestor, basket arrestor, cooling pit, etc)	
Type:	
Size / Flow Rate:	
Proposed cleaning schedule of pre-treatment equipment and name of contractors used:	
Location of the Sampling Point:	
SITE PLANS:	
(application to be accompanied by two copies of plans showing the following)	
<ul style="list-style-type: none"> • 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 • Stormwater drainage plan 	
Substances PROHIBITED From Being Discharged Into The Wastewater System:	
<ul style="list-style-type: none"> • 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 • Per- and poly-fluoroalkyl substances (PFAS) • Disposable products including wet wipes, cleaning wipes, colostomy bags, cat litter and other products marketed as flushable • any substances liable to produce noxious or poisonous vapours in the wastewater system • organic solvents and mineral oil • any flammable or explosive substance • Discharges from chemicals and/or oil storage areas and 'Bulk Fuel Depots' • chromate from cooling towers • natural or synthetic resins, plastic monomers, synthetic adhesives, rubber and plastic emulsions • roof, rain, surface, seepage or ground water, unless specifically permitted (clause 137A of the <i>Local Government (General) Regulation 2005</i>) • solid matter • any substance assessed as not suitable to be discharged into the wastewater system • waste that contains pollutants at concentrations which inhibit the wastewater treatment process – refer <i>Australian Sewage Quality Management Guidelines, June 2012, WSAA</i> • any other substances listed in a relevant regulation. 	



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CONCURRENCE CLASSIFICATION B or C:	
Please include all details as requested (if insufficient space attach as clearly labelled appendices), and make sure you read the section on substances that must not be discharged to the wastewater system.	
Type of Business:	
Name of processes generating liquid trade waste:	
(a)	
(b)	
(c)	
(d)	
(e)	
(f)	
Type and Quantity of raw materials processed:	
Description of Waste:	
<ul style="list-style-type: none"> list of all expected pollutants including substances contained in wash down detergents, boiler and cooling water and other sources expected maximum and average concentrations of pollutants sample analysis results of the proposed waste. 	
<p><i>Note:</i> The sample analysis tests shall be carried out by a NATA approved laboratory with accreditation for analysis of the nominated pollutants in the application or a laboratory acceptable to DWE.</p>	
Acceptable means of sample analysis data collection:	
<ul style="list-style-type: none"> Sample analysis results from a similar existing process Collection of the proposed waste from a trial pre-treatment plant Stand alone pre-treatment - manufacturer's waste quality expectations Configured pre-treatment - consultant's calculations based on experience of a similar installation. 	
Attach details and supporting documentation of data collection method.	
When detailing the nominated pollutants where there is no possibility of discharge to the sewerage system because none of the substances is stored or used at the premises, write "NIL".	



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SAMPLE ANALYSIS RESULTS:

(The local water utility may add to this list as required)

Parameter	Acceptance Guideline Limits Mg/L*	Average Mg/L	Maximum Mg/L
BOD ₅ and Suspended Solids	Normally, approved at 300mg/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 degrees		
pH	Within the range 7.0 to 9.0		
Oil and Grease	100 mg/L of 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 50mg/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 wastewater 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 wastewater system.



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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	20		
Nitrogen (total Kjeldahl)	100		
Phosphorus	20		
Sulphate (SO ₄)	500		
Sulphate (s)	1		
Sulphate (as SO ₃)	15		

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

ACCEPTANCE GUIDELINES FOR ORGANIC COMPOUNDS:			
Parameter	Acceptance Guideline Limits Mg/L*	Average Mg/L	Maximum Mg/L
Benzene	0.04		
Toluene	0.5		
Ethyl benzene	1		
Xylene	1		
Formaldehyde	30*		
Phenolic compounds (except pentachlorophenol)	5		
Petroleum hydrocarbons (non flammable)	30		
Pesticides (general)	0.1		
Pesticides (organochlorins)	Nil		
Pesticides (organochlorins)	Nil		
Polynuclear Aromatic Hydrocarbons (PAH)	5		

* Acceptance of chemical toilet waste which contains formaldehyde will be assessed on the available dilution in the wastewater system.

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



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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		
Cobalt	5	15		
Copper	5	15		
Iron	100	-		
Lead	1	6		
Manganese	10	30		
Mercury	1	0.05		
Molybdenum	5	30		
Nickel	3	15		
Selenium	1	15		
Silver	2#	6		
Tin	5	15		
Zinc	5	15		

* 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 wastewater system. Discharge of hexavalent chromium (Cr6+) from chromate compounds used as corrosion inhibitors in cooling towers is **not permitted**.

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



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FLOW DETAILS:			
Non wastewater discharges/wastes:			
Details of management arrangement of waste streams/wastes that are not permitted or not intended to be discharged to the wastewater system.			
Description of flow:			
The maximum daily and instantaneous rate of discharge (kL/h or L/s) is set on the available capacity of the wastewater system. Large dischargers are required to provide a balancing tank to even out the load on the wastewater treatment plant.			
Hours of day 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
Where the applicant considers there are special circumstances applicable to their discharge, these circumstances should be identified, e.g.	<ul style="list-style-type: none"> 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:			
STORMWATER DETAILS:			
Open Areas (Please attach stormwater drainage plan for the site):			
Does the proposed installation contain open areas that will drain to the wastewater system?			Yes / No
<i>If Yes, provide details:</i>			



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<p>Stormwater is prohibited from being discharged into the Council's wastewater system.</p> <p>The capacity for such flows is not provided in the wastewater system. Therefore, Council does not generally accept the discharge of stormwater to the wastewater system.</p>	
<p>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.</p>	
<p>Please provide the following information:</p>	<ul style="list-style-type: none"> 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 waste generating area Report on other stormwater management options considered and why they are not feasible.
<p>WATER SUPPLY SOURCE:</p>	
<p>Provide details of water supply sources for the site:</p>	<ul style="list-style-type: none"> Bore/groundwater/on-site dam/water course Recycled/reuse water Town water Any water supply meter being installed
<p><i>Comments:</i></p>	
<p> </p>	
<p> </p>	
<p> </p>	
<p> </p>	
<p>WASTEWATER DISCHARGE:</p>	
<p>Sampling Point Location:</p>	<p> </p>
<p>Flow measurement location:</p>	<p> </p>
<p>Details of proposed flow measurement device:</p>	<p> </p>
<p><i>Please attach details of flow measurement installed/proposed.</i></p>	
<p> </p>	
<p> </p>	
<p> </p>	
<p> </p>	



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EXISTING/PROPOSED WASTE TREATMENT AND EQUIPMENT:

Plans - application to be accompanied by 2 copies of plans showing:

- 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 wastewater 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, alarms –location, failsafe, tamperproof)
- Any additional details as requested by the local water utility.

Proposed Cleaning Schedule Of Pre-Treatment Equipment And Contractor:

Pre-treatment Equipment	Frequency (weeks)	Name of Contractor	Licence

Details Of The Chemicals To Be Used On Site:

Substance	Qty	Storage (liquid/solid)	Location	Bunding

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.

FUTURE PLANS FOR THE SITE:

Any proposed plans for future expansion?

Yes / No

If Yes, give details on a separate attachment.



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OWNER/S AUTHORISATION:

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 wastewater 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 wastewater management and/or infrastructure additions/modifications.

Supporting documentation:		Included
Please attach any relevant supporting documentation e.g.	Environmental Impact Statement	Yes / No
	Consultant's report	Yes / No
	DECC considerations/restrictions	Yes / No
	Other:	Yes / No

Signature of Occupier/Applicant: _____ Date: _____

Position in Company: _____ Date: _____

Signature of owner(s): _____ Date: _____

Signature of owner(s): _____ Date: _____

(Owners 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, wastewater 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.

PAYMENT DETAILS (Office Use Only)

Application Date Received				
Site Visit Conducted:				
Application Result:	Approved / Refused			
LTW Classification:	A	B	S	C
Charging Category	1	2	2S	3
Issue of Approval:				
Approval No:				
Commencement of Discharge:			Officer in Charge:	
Wastewater Treatment Plant (WWTP) Details:				
WWTP Name:	Actual Capacity (EP):		Design Capacity (EP):	
Application Fee:				
Receipt Number:				

PRIVACY STATEMENT

Snowy Valleys Council (council) is collecting your personal information solely for the purpose of administering this application. Council will take all reasonable and appropriate steps to protect the privacy of individuals having regard to the requirements of the *Privacy and Personal Information Protection Act 1998* and the *Government Information (Public Access) Act 2009*. Council will not disclose your personal information to any person or body if it is not directly related to the purpose for which the information was collected. Questions concerning privacy or the use of your personal information may be referred to Council's Public Officer.