

Liquid Trade Waste



Private pumping station non-residential
Category S Classification S

Definition

Liquid trade waste (LTW) is any discharge to a sewerage system other than domestic waste from a hand wash basin, shower, bath or toilet.

Central Coast Council is referred to as Council.

Introduction

This Fact Sheet is provided to assist you to treat and dispose of liquid trade waste in an efficient and approved manner.

For further information, please contact Council's Trade Waste Section on 1300 463 954.

For LTW application forms, refer to www.centralcoast.nsw.gov.au.

Activities

Private pumping stations are installed by property owners in a non-residential site, in properties where Council's reticulated sewerage system does not service the property and/or the sewage from the property cannot gravity flow to Council's sewerage system.

An application to install a private pumping station is required under section 68, Part C6 of the *Local Government Act 1993*.

Council's approval of the installation will provide conditions that include, but are not limited to the following:

- odour control, to minimise septicity of the discharge
- maximum volume discharged
- construction details

Council will routinely inspect the private pumping station to ensure compliance with the approval in the following areas:

- instantaneous flow rate to the sewerage system (Litres/second)
- acceptance limits in relation to hydrogen sulphide gas generation
- detection of offensive odours
- the condition of the installation

Acceptance limits in relation to hydrogen sulphide gas generation

Parameter	Must be
Total sulphides	< 0.2 mg/L
Dissolved sulphides	< 0.1 mg/L
Hydrogen sulphide (gas)	< 0.1 ppm
Dissolved oxygen	> 0.1 mg/L
Redox potential	> minus 80 mV

- mg/L – milligrams per litre
- ppm – parts per million in air
- mV - millivolts

NOTE: The above limits will generally not be met if the sewage detention time is greater than 2 to 4 hours, in the pumping station and rising main, unless the sewage is conditioned by the addition of oxygen or other agent.

Application to Discharge Liquid Trade Wastes into Council's Sewerage System

OFFICE USE ONLY			
CATEGORY S:			Debtor:
Date:	Fee Paid \$	Licence No:	HOT KEY:

For further enquiries on the application process, please contact the Liquid Trade Waste Supervisor on 4350 5515.

Business Trading Name				
Development Application No.	Lot No.	D.P.	Parcel No.	House No.
Street		Suburb		Postcode
Property Owner's Name			Telephone No. / Email	
Address				
Applicant's Name (if different from Property Owner)			Telephone No. / Email	
Applicant's Address (if different from Property Owner)				
Occupier's Name (if different from Property Owner)			Telephone No. / Email	

Principal Business Activity

Please supply a brief statement of the business type and processes generating liquid trade waste e.g. restaurant, mechanical workshop.		
Any water supply meter being installed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Existing water meter number	Meter location

EXISTING / PROPOSED EQUIPMENT (GREASE ARRESTOR, BASKET ARRESTOR, COOLING PIT, CPI, VGS, ETC)

Type	Size/flow rate
------	----------------

PROPOSED CLEANING SCHEDULE OF PRE-TREATMENT EQUIPMENT AND NAMES OF CONTRACTORS USED

Pre-treatment equipment		Frequency (weeks)
Name of Contractor	Contact number	
Location of pre-treatment device (sample point if required, CPI, VGS)		
Refer to Council's Liquid Trade Waste Policy for the Liquid Trade Waste Quality Standards, which lists pollutants and their allowable limits		

SUBSTANCES PROHIBITED FROM BEING DISCHARGED TO THE SEWERAGE SYSTEM

The following substances are prohibited from being discharged to 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 *National Wastewater Source Management Guideline, July 2008, WSAA*
- any other substances listed in a relevant regulation.

CHECKLIST FOR APPLICATIONS

1. Completed application with owner's signature ☐
2. Two copies of plans showing: ☐
 - 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
3. Nature of processes of the business attached ☐
4. Any other relevant supporting documents e.g. ☐
 - Environmental Impact Statement
 - Consultant's Report
 - EPA consideration / restrictions
 - Details of chemicals being used and SDS

Signature of Property Owner/s

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 agreement between the owner and the occupier.

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 occupier / applicant

Position in company

Date