Liquid Trade Waste

Private pumping stations non-residential

Category S Classification S

Central Coast Council

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 4350 5555.

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.