



## DISHWASHER AND GLASSWASHER WASTE – PUB 21

This document describes the conditions of discharge for dishwasher and glasswasher waste to sewer

### Background

Hot effluent or effluent containing excess soap or detergent, if discharged to a standard size pre-treatment fixture, will liquefy or emulsify grease already present in the fixture allowing the grease to be discharged from the fixture to the sewer.

As the grease-laden effluent flows down the sewer it will cool causing the grease to solidify or coalesce and be deposited in the sewer, leading to grease fouling and blockages.

Also, some washing soaps and detergents break down over time releasing the grease from the emulsion, which is also deposited in the sewer.

When discharge of this effluent to a pre-treatment fixture is unavoidable, the fixture must be designed to perform as a cooling pit so that grease has time to cool and solidify or coalesce.

Cool liquid also inhibits the emulsifying action of some washing soaps and detergents, however control over excessive use is still required.

### Requirements

Waste effluent from dishwashers and glasswashers must be discharged to the sewer downstream of any site pre-treatment fixture.

Where the Corporation agrees that discharge of this effluent to a pre-treatment fixture is unavoidable, or there is a special reason for this effluent to be discharged through the pre-treatment fixture, then the following conditions must apply:

- The temperature of the discharge from the pre-treatment fixture shall not exceed 38 degrees Celsius under any circumstances, and
- All businesses discharging waste to the pre-treatment fixture are to keep the use of soap and detergents to a minimum. This is to minimise the amounts of residual cleaning agents discharged to the fixture that may emulsify any grease or oil already in the fixture.

### More Information?

The current version of this information sheet is shown on the Water Corporation Internet site at [http://www.watercorporation.com.au/industrialwaste\\_index.cfm](http://www.watercorporation.com.au/industrialwaste_index.cfm). Further information on the issue detailed on this sheet can be obtained by phoning 13 13 95, or visit your nearest Water Corporation office.

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