

16. UNDERCROFT CAR PARK WASH BAYS

Preface

Liquid waste generated by industry, small business and commercial enterprises is referred to as trade waste. The Water Supply (Safety & Reliability) Act 2008 prohibits the unauthorised discharge of wastes, other than domestic sewage, into the sewerage system.

1. The definition of trade waste is;
 - *The waterborne waste from business, trade or manufacturing property, other than:*
 - *Waste that is a prohibited substance; or*
 - *Human waste; or*
 - *Stormwater.*
2. The definition of Domestic waste is;
 - *Faecal matter and urine of human origin and liquid household wastes from water closet pans, sinks, baths, basins and similar fixtures designed for use in private dwellings*

Types of premises

This note applies to all partial or totally covered undercroft car parks where a designated area of the car park is used as a vehicle wash bay and drains to sewer. Stormwater runoff and rainfall is prevented from entering the sewer.


Pre-treatment

WRC will accept wastewater from a single undercroft car park wash bay intended for domestic use only to sewer, provided the flow is passed through a grated basket arrester type trap. Oil separation pre-treatment is not required. Where the designated area is used commercially, oil separation pre-treatment will be required (refer to Information Sheets 20 and 21).

Entry of stormwater run-off to sewer

The discharge of stormwater to sewer is not permitted. The entry of stormwater must be prevented by the use of one or more of the following; bunding, grading away of surrounding surfaces and grated stormwater drains. In all cases the design must prevent runoff from any storm with an intensity of up to a 20 year Average Recurrence Interval (ARI) from entering the sewer.

Where it is deemed by WRC that stormwater inundation is a risk, the application must be accompanied by a certificate from an engineer who is currently registered on the National Professional Engineers Register, to verify the design's capability. The customer must ensure



that stormwater drains remain free from debris and/or other obstructions that would restrict or block the flow of stormwater.

Entry of rainfall to sewer

WRC do not permit the discharge of rainwater to sewer. Where undercroft car parks have open sides or are partially uncovered the customer will be required to protect the area draining to sewer from the entry of rain including rain descending at an angle of up to ten degrees from the vertical.