

Glossary of Trade Waste Terms

Trade Waste Fact Sheet No. 4

Arrester	A pre-treatment device designed to separate oil/grease and suspended solids from the wastewater.
Backflow	The reversal of water flow due to back pressure or back siphoning.
Biological Oxygen Demand (BOD)	A measure of the amount of biologically degradable organic matter present in wastewater.
Buffer Tank/Pit	A device sized to “equalise” brief extremes of pH, temperature and flow.
Bunding	An impervious containment system for spilled or leaked materials.
Cross Connection	An actual or potential connection between potable water supply and any other source or systems through which backflow can occur.
Domestic Wastewater	The liquid waste originating from water closets, sinks, basins and other similar fixtures at premises used exclusively for residential purposes.
Effluent	The liquid discharged following a wastewater treatment process.
Hazardous Substances	Class 3, 6 & 8 substances as classified under the Dangerous Goods Act AS1216.1
Heavy Metals	Metals with a high atomic weight that can accumulate in biological systems with resulting toxic effects.
Housekeeping	The way operations and practices are conducted within premises discharging trade wastes.
Mass Loadings	The mass (weight) of pollutants carried by the waste stream to sewer over a given time period.
pH	The measure of acidity or alkalinity of wastewater on a scale of 1 to 14 (below 7 is acidic, above 7 is alkaline).
Plate Separator	A pre-treatment device with internal flow control structures for separating free oil and solids from wastewater.
Pre-treatment	Equipment, which removes pollutants from wastewater, so as to make it suitable for sewer disposal.
Self Monitoring	Refers to dischargers carrying out their own sampling, arranging analysis and presenting the results to SA Water.
Sewerage System	The network of collection, conveyance, treatment and disposal facilities owned and/or operated by SA Water.
Sludge	The solids removed from wastewater by treatment.
Stormwater Bypass System	A device, which during rainfall events, diverts an initial quantity of potentially contaminated surface water from unroofed areas to sewer.
Suspended Solids	A measure of the insoluble particles present in the trade waste.
Trade Waste	The liquid waste from any industry, business, trade or manufacturing premises, other than domestic sewage, which is disposed of to the sewer.
Waste Minimisation	The adoption of practices and processes that reduce the quantity of waste generated and discharged into the sewer.

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Further information

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