

Glossary of Trade Waste Terms

Trade Waste Fact Sheet No. 4

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| 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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