

## Stormwater system

Westlink M7's stormwater system is designed to protect the environmental quality of local creeks. The stormwater system is made up of water quality basins which are storage areas with restricted outlets to slow down the passage of stormwater.

Slowing the flow ensures that natural stormwater flow patterns are imitated to minimize the impact on adjoining land and the environment.

Runoff is directed from the pavement of the M7 through one of the 169 specially constructed water quality basins. This is done to remove pollutants typically associated with motorway pavement. Water quality basins can also be used in the event that fuel or chemicals are spilt.



## Water quality basins

Water quality basins are designed to:

- Capture the initial run off from the M7
- Control sediment by detaining water for a short while, allowing coarser sediment, litter, and particulate pollutants to settle
- Trapping spills with lockable valves that remain open unless a fuel or chemical spill occurs. The valve would be manually closed to capture the spill which would then be treated
- Collect rubbish and litter with gross pollutant traps designed to capture coarse sediments, hydrocarbons, chemical spills, and litter

## Maintenance

All water quality basins are inspected and maintained regularly. Sediment and vegetation will be removed if it is causing an issue.

If the basin valve has been closed due to potential contamination, water will be discharged as soon as appropriate treatment and testing has been conducted.

Fencing is erected around basins to restrict access for safety reasons. The fences are inspected regularly.

Public access is restricted to ensure that the basins work correctly to protect the environment and control pollution.

To know more, contact us on 9834 9200 or email [info@westlinkm7.com.au](mailto:info@westlinkm7.com.au)

