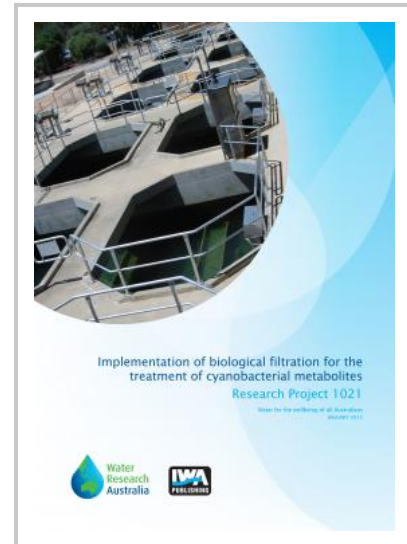


Implementation of Biological Filtration for the Treatment of Cyanobacterial Metabolites

Specific issues investigated in this project were: Identifying the most effective substrate for optimum biofilm formation, and the range of operating conditions for optimum removals to be achieved; Developing a standard suite of laboratory tests, both simulated filtration tests and genetic tests, to identify the potential of an existing filter to remove cyanobacterial metabolites; Better understanding of the lag period prior to the onset of degradation of several metabolites; The feasibility of artificially inoculating or “seeding” filters to enhance removal of the cyanobacterial metabolites.

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