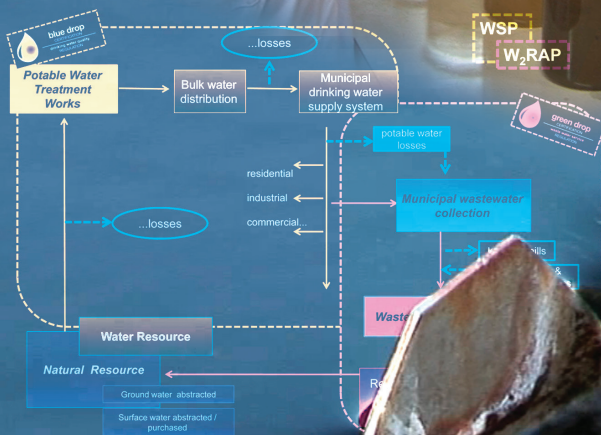


# A Booklet with South African Guidelines, Manuals & Literature on Wastewater Treatment 1985-2010



## **PURPOSE OF REPORT**

Wastewater may seem to be a fairly simple topic. The reality is different. The complexity of the subject and its array of social, environmental, institutional, economic and technical interplay is one of the reasons why it would take extraordinary effort and resources to resolve problems in the industry. The profound importance of wastewater to human health, ecology, the number and diversity of interests, local- and cross border competition for water resources, the technological choices for supply and treatment of wastewater, management and regulation of resultant outflow, reliable delivery of water quality & quantity to multiple users, the use of price and licensing to allocate and cost water, as well as the mere size of the industry and its assets – all these aspects render wastewater a complex and dimensional discipline.

South African has a rich history of research, development and technology in the discipline of wastewater treatment. It is the intention of this report to provide a summation of the most relevant guidelines, manuals, standards, research and literature produced by- and available in South Africa. Limited reference is also made to applicable international material.

The document comprise of 2 sections:

*Section 1 – literature listed by source and date (Page 2-14)*

*Section 2 – literature listed by topic A-Z (Page 15-32) (summary table – Page 33)*

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**SOUTH AFRICAN GUIDELINES & LITERATURE  
RELATED TO WASTEWATER TREATMENT  
1985-2010**

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<b>B</b>	OPERATION AND MAINTENANCE	22
<b>C</b>	REGULATION, LICENSING AND INSPECTION	13
<b>D</b>	WASTEWATER TREATMENT AND POLLUTION CONTROL	16
<b>E</b>	EFFLUENT RE-USE, RECYCLING, RECLAMATION	8
<b>F</b>	INDUSTRIAL EFFLUENT	19
<b>G</b>	ASSET MANAGEMENT	5
<b>H</b>	ANAEROBIC DIGESTION AND ENERGY	21
<b>I</b>	ACTIVATED SLUDGE TREATMENT (NUTRIENT REMOVAL AND BULKING)	33
<b>J</b>	BIOFILTERS	2
<b>K</b>	STANDARDS, MANAGEMENT AND INFORMATION SYSTEM	19
<b>L</b>	SULPHATE REDUCTION	4
<b>M</b>	MICROBIOLOGICAL AND CHEMICAL RESEACH AND TECHNOLOGY	16
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<b>U</b>	PACKAGE PLANTS	2
<b>V</b>	MASS BALANCES, LIFE CYCLE ASSESSMENTS	2
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<b>Y</b>	HEALTH, ENVIRONMENT AND RESOURCES	10
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