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Herausgegeben von Thomas Küpper



Celina Albanus

Microbiological and heavy metal contamination of drinking water sources in South Luangwa Valley, Zambia



**Microbiological and heavy metal contamination of
drinking water sources in South Luangwa Valley,
Zambia**

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der Rheinisch-Westfälischen Technischen Hochschule Aachen

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List of abbreviations

AAS	Atom Absorption Spectrometer/ Spectrometry
ADEMED e.V.	Aachen Dental and Medical Expedition e.V. (Association)
DNA	desoxyribonucleic acid
CFU	Colony Forming Units
DVGW	Deutscher Verein des Gas- und Wasserfaches (German Association for Gas and Water)
E. coli	Escherichia coli
ENTC	(intestinal) Enterococci (coliform bacteria)
MDG	Millennium Developmental Goals
MLSB	Membrane Lauryl Sulphate Broth (growth medium)
PMTDI	provisional maximum tolerable daily intake
ROC	risk of contamination
Spp.	species pluralis. Indicating that at least two kinds of one species exist.
TU	Turbidity Units
UN	United Nations
UNEP	United Nations Environment Programme
UNICEF	United Nations Children's Fund (non-profit organization of the UN)
VTEC	Vero cytotoxin-producing Escherichia coli
WEDC	Water, Engineering and Development Centre of Loughborough University, UK
WGK	Wassergefährdungsklasse (water hazard class)
WHO	World Health Organization