

# MIB-derived odor management based upon hydraulic regulation in small drinking water reservoirs: principle and application

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## Highlights

- Hydraulic retention time (HRT) increase can trigger 2-methylisoborneol (MIB) episodes
- MIB-producing *Planktothricoides* can be restricted by reducing HRT to <10 days
- Critical HRTs were evaluated for 14 cyanobacterial genera based on a theoretical model
- HRT regulation was successfully applied for MIB control in ZXD Reservoir

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