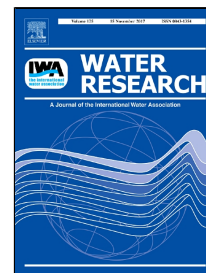


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Direct Potable Reuse Microbial Risk Assessment Methodology: Sensitivity Analysis and Application to State Log Credit Allocations

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Highlights

- Evaluate DPR risks with updated pathogen densities, reductions, and dose-responses
- Inclusion of high dose UV is critical for meeting established health benchmarks
- Cumulative annual risks are driven by days with highest wastewater pathogen loads
- Viruses need more than 14 logs reduction to achieve benchmark levels of 1/10,000

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