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Title: Detection of a wide variety of human and veterinary fluoroquinolone antibiotics in municipal wastewater and wastewater-impacted surface water

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HIGHLIGHTS

- FQs inhibit growth of the *Escherichia coli* indicator organism at 1-10 $\mu\text{g/L}$
- Eight FQ antibiotics in raw wastewater at inhibitory levels (2-3 $\mu\text{g/L}$)
- Several less-prescribed FQs (DIF, FLE, MOX, and ORB) were detected
- FQ removal negatively correlated to BOD removal, positively correlated to PO_4 removal

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