

















## Problem: True-Batch SBRs Suffer Under Wet Weather Flows

- All flow goes to only one basin at a time
- True-Batch SBRs have the highest influent hydraulic loading rates per surface area
- Sending >300% of design flow to one tank can disrupt the sludge blanket, resulting in poor effluent quality



**EVOQUA** 



## Solution: Evoqua's OMNIFLO<sup>®</sup> SBR MAX Control Strategy Maximize buffering capacity Omniflo **Omniflo MAX** <300% 300% - 500% of the plant by using all SBR volume Influent EQ Tank Maintain effluent quality with • proper hydraulic design Additional Freeboard Compress Cycles Open all Influent Valves **EVOQUA**







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