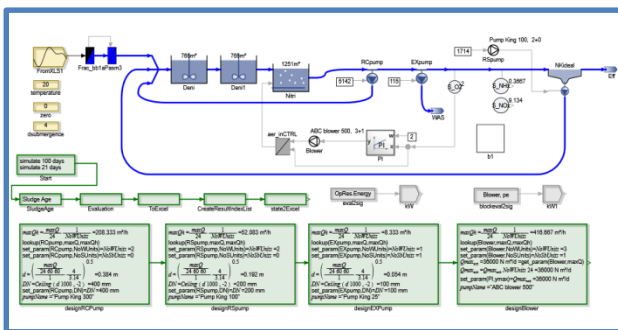


Software for Design and Optimization of Net Zero Water Resource Recovery Facilities

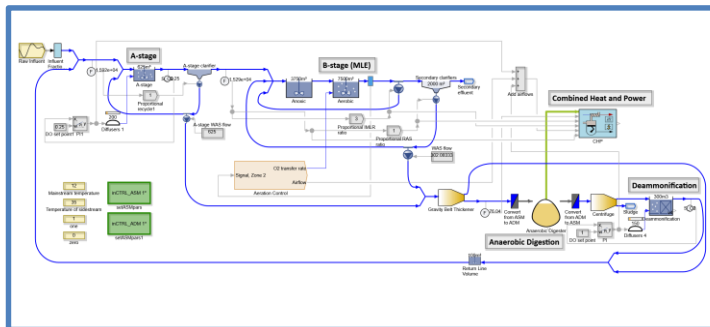
Simulation of Sewers, Wastewater / Sludge Treatment, River Water Quality, and Energy



SIMBA# is a fully integrated simulation platform for run-off, sewer systems, WRRFs, and rivers. SIMBA# is a stand-alone simulator which takes urban wastewater system design and optimization to another level by allowing plant design, simulation, and cost estimation all in the same platform for the entire watershed.

Key Functionalities include

- Full on-line connectivity between all elements of urban water systems
- Seamless integration of static design, dynamic simulations, equipment sizing and selection
- Modelling of A-stage, short-cut nitrogen removal, granular sludge, MABR, and anaerobic digestion processes.



Key Benefits and Value Proposition

- Test alternative processes and configurations before building to determine the optimal plant upgrade.
- Calculate full life-cycle costs for proper evaluation of alternatives.
- Select the the most efficient equipment.
- An investment of < \$3k can yield hundreds of times that in cost savings.

