

Technical Conference Papers Referencing BioWin

2006

N. Sierra, G. Huang, B. Jones, A. Velasco, D. Haddad, R. Chan, I. Chu, Y. Feng, and D. Jolis **WHOLE-PLANT SIMULATIONS FOR TWO PURE-OXYGEN ACTIVATED SLUDGE PLANTS IN SAN FRANCISCO** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Li Lei, Andre Gharagozian, Brent Start, Glen Roth, and Rob Emmett **PROCESS ALTERNATIVE COMPARISONS ASSISTED WITH BIOWIN MODELING** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Baneeta Sabherwal, Ed Kobylinski, John Keller, Mike Lawrence and Robert Moore **NOVEL APPROACH TO STORM WATER MANAGEMENT FOR BNR FACILITIES** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Erik Johannessen, Randal W. Samstag and H. David Stensel **EFFECT OF PROCESS CONFIGURATIONS AND ALUM ADDITION ON EBPR IN MEMBRANE BIOREACTORS** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

John R. Holland, John Bratby and Frank Gall **OPTIMIZING NITROGEN REMOVAL IN A MBR UNDER ABNORMAL OPERATING CONDITIONS** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Mario Benisch and Rob Baur **THE EVOLUTION OF PLUG FLOW BNR AT DURHAM AWWTP** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

E. Locke, A. Al-Omari, K.Kharkar, N. Passarelli, A. Tesfaye and S.Kharkar **DYNAMIC MODELING OF WET WEATHER OPERATIONS AT BLUE PLAINS ADVANCED WASTEWATER TREATMENT PLANT** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

James L. Barnard **BIOLOGICAL NUTRIENT REMOVAL: WHERE WE HAVE BEEN, WHERE WE ARE GOING?** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

J. Bratby, P. Schuler, M. Richards, J. Jimenez and K. Petrik **A RATIONAL APPROACH TO SIZE DENITRIFICATION FILTERS TO MEET TMDL REQUIREMENTS** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

David A. Nailor, Paul Pitt and Andre van Niekerk **Improving Wet Weather Treatment Capacity by Converting a Two-Stage Activated Sludge Process to a Single-Stage Process** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Joseph Rohrbacher, Alan L. Stone and M. Jason **REHABILITATION OF THE BNR FACILITIES AT THE GREENVILLE UTILITIES COMMISSION WASTEWATER TREATMENT PLANT** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Dimitrios Katehis, Sudhir Murthy, Bernhard Wett, Edward Locke and Walter Bailey **NUTRIENT REMOVAL FROM ANAEROBIC DIGESTER SIDE-STREAM AT THE BLUE PLAINS AWWTP** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Heather M. Phillips, Ed Kobylinski, James Barnard and Cindy Wallis-Lage **NITROGEN AND PHOSPHORUS-RICH SIDESTREAMS: MANAGING THE NUTRIENT MERRY-GO-ROUND** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Colin D. Groff and Ted Hortenstine **USING "EXPERT PANELS" TO REDUCE EXPANSION COSTS AND OPTIMIZE OPERATIONS** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

J.E. Koch, P.E., DEE, C. Sheridan and JB Neethling **MLE PROCESS PLUS FLOW BLENDING FOR CSO FLOWS** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

Anne-Emmanuelle Stricker and Michel Béland **SEQUENCING BATCH REACTOR VERSUS CONTINUOUS FLOW PROCESS FOR PILOT PLANT RESEARCH ON ACTIVATED SLUDGE** Proceedings of the Water Environment Federation 79th Annual Technical Exhibition & Conference, Dallas, TX, USA, October 21 - 25, 2006.

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J.L. Barnard, K. Abraham. **Key features of successful BNR operation.** Proceedings of the IWA Specialized Conference on Nutrient Management in Wastewater Treatment Processes and Recycle Streams, Krakow, Poland, September 19 – 21, 2005.

I. Takacs, S. Murthy, S. Smith, and M. McGrath. **Chemical phosphorus removal to extremely low levels – experience of two plants in the Washington, D.C. area.** Proceedings of the IWA Specialized Conference on Nutrient Management in Wastewater Treatment Processes and Recycle Streams, Krakow, Poland, September 19 – 21, 2005.

M. Hintze, S. Pratt, and A. Shilton. **Effect of sludge retention time on phosphorus removal in a full-scale EPBR wastewater treatment plant.** Proceedings of the IWA Specialized Conference on Nutrient Management in Wastewater Treatment Processes and Recycle Streams, Krakow, Poland, September 19 – 21, 2005.

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R. Latimer, P. Pitt, T. Richards, H. Elmendorf, and R. Porter. **Development and implementation of a whole plant simulator of the F. Wayne Hill waster resources center for process optimization.** Proceedings of the Water Environment Federation 78th Annual Technical Exhibition & Conference, Washington, D.C., USA, October 29 – November 2, 2005.

T. Friedrich, J. McLellan, T. Deniz, and J. Milligan. **Biological nutrient removal process enhancement analysis of the Marshall Street Advanced pollution control facility, Clearwater, Florida.** Proceedings of the Water Environment Federation 78th Annual Technical Exhibition & Conference, Washington, D.C., USA, October 29 – November 2, 2005.

A. Z. Gu, I. Takács, M. Benisch, H.D. Stensel and J.B. Neethling. **The Importance of modeling metal uptake and release in the EBPR process.** Proceedings of the Water Environment Federation 78th Annual Technical Exhibition & Conference, Washington, D.C., USA, October 29 – November 2, 2005.

R. W. Samstag, B. Narayanan, J. Hagstrom, T. G. Bridges, and A. Bahl. **Hydraulic characteristics of activated sludge aeration tanks.** Proceedings of the Water Environment Federation 78th Annual Technical Exhibition & Conference, Washington, D.C., USA, October 29 – November 2, 2005.

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