



Raschig USA, Inc.®

Mass Transfer Packings / Tower Internals
Wastewater Biomedia / Cooling Tower Drift Eliminators

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Case Study Bio-Pac® and N-Dec® For Wastewater Trickling Filter

The Bucks County Water & Sewer Authority's Upper Dublin WWTP is a 1.10 MGD plant that includes a trickling filter plant and an anaerobic/oxic (A/O) activated sludge plant, operating in parallel and combine into one outfall. The trickling filter process consists of primary settling, primary and secondary trickling filters and chemical addition. In February 2019, the plant was granted a permit to replace the existing rock media in the secondary trickling filter that had exceeded its life expectancy. In August 2019, the plant went out for bids. PSI Pumping Solutions of York Springs, PA submitted the low bid that included Raschig USA's Bio-Pac® Random Dump Media and Raschig USA's N-Dec® Media Underdrain System. The permit issued by the Pennsylvania DEP, required that the trickling filter refurbishment be completed in a three-week time period. Raschig USA delivered the media and underdrain components in February 2020. PSI completed the project that involved removal of the rock media, cleaning and minor repair of the filter and the reinstallation of the new components in a two-week period. Richard Savage of PSI Pumping Solutions stated "This project went like clockwork, from the beginning dealing with Kevin purchasing the product all the way through the delivery of the Media could not have gone any better. I really appreciated Raschig for going above and beyond". Kevin Haggerty, Sales Manager for Raschig USA, said this was by far one of the fastest rebuilds of a trickling filter we have ever seen done. Raschig USA manufactures a complete line of Filter Media, Tower Packing and Fills that are used in the Municipal and Industrial Wastewater, Cooling Tower and Mass Transfer markets. Visit Raschig USA's website at www.raschig-usa.com, call us toll free at 800.678.0345 for more information and email at info@raschig-usa.com.

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Wastewater Trickling Filter Media Products

Bio-Pac®



N-Dec®



Dura-Pac®

