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**Purafil ESD Implements Retrofit Plan at  
New Jersey American Water Plant**

*Wet Scrubber at Jumping Brook Water Treatment Plant Undergoes Conversion*

**DORAVILLE, GA** – Purafil's Environmental Systems Division (ESD) announces a new comprehensive case study entitled Case Study for New Jersey American Water. The Case Study for New Jersey American Water underscores the simplicity and success of Purafil's Retrofit Plan for Liquid Caustic Scrubbers.

For two decades, New Jersey American Water's Jumping Brook Water Treatment Plant (WTP) used a competitor's wet, caustic scrubber. In an effort to improve the plant's equipment and processes, Jumping Brook WTP recently replaced its hazardous, maintenance intensive wet scrubber with a hazard-free and maintenance-free dry-chemical scrubber, which contained Chlorosorb Ultra media, to prevent an accidental chlorine (Cl<sub>2</sub>) release. The conversion to a dry-chemical scrubber immediately saved the enduser more than \$25,000 in maintenance, training and equipment.

In 2007, Purafil developed the Retrofit Plan for Liquid Caustic Scrubbers as a cost-effective alternative to purchasing new equipment to replace existing, problematic, caustic scrubbers. Purafil's Chlorosorb<sup>®</sup> Ultra media is used in the scrubber to remove 15 pounds of chlorine for every 100 pounds of accidentally released chlorine. Purafil's Wet Scrubber Retrofit provides easy-to-follow steps to remove the caustic solution, convert the scrubber's key internal elements and add Chlorosorb<sup>®</sup> Ultra media.

For over 40 years, Purafil has been the world leader in engineering and manufacturing gas-phase air filtration systems, monitors, non-hazardous and UL classified media. Purafil's ESD was created in 1987 and is currently the leading manufacturer of dry-chemical media and scrubbers that eliminate problematic gases in the water and wastewater industries.

Purafil's ongoing commitment to quality, customer satisfaction and safety is exemplified by our ISO 9001:2000 certification, numerous industry awards and UL Classified Media.

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