



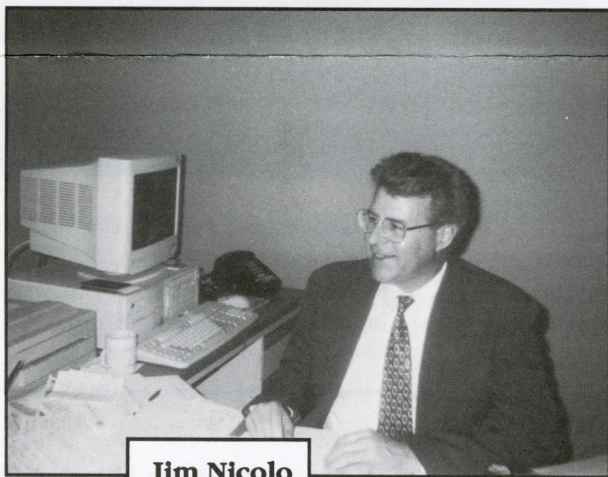
# Pipeline

Produced by the Public Affairs staff of the Philadelphia Water Department. For more information, please contact Editor Joan Anne Przybylowicz at 685-4900.

## World Wide WATER

**T**aking their expertise to the global scale has been an exciting and illuminating experience for several PWD employees. These trips, sponsored by either Water For People or the host countries they visited, allowed PWD professionals to exchange knowledge with water and wastewater professionals abroad.

**Gary Burlingame**, Supervisor, Scientific and Regulatory Affairs, Bureau of Laboratory Services attended the fourth U.S.-Japan Governmental Conference on Drinking Water Quality Management last October. He presented a paper on taste and odor control in the U.S. Mashiro Fujiwara, Director General for the Water Supply and Environmental Sanitation Department in Tokyo, noted the excellence of the information presented at the conference. Dr. Robert Clark, Director of the Drinking Water Research Division of the Environmental Protection Agency, in a letter about the conference, wrote that, "Taste and odor control is always an important objective for U.S. drinking utilities and the Philadelphia Water Department has been a leader in this area."

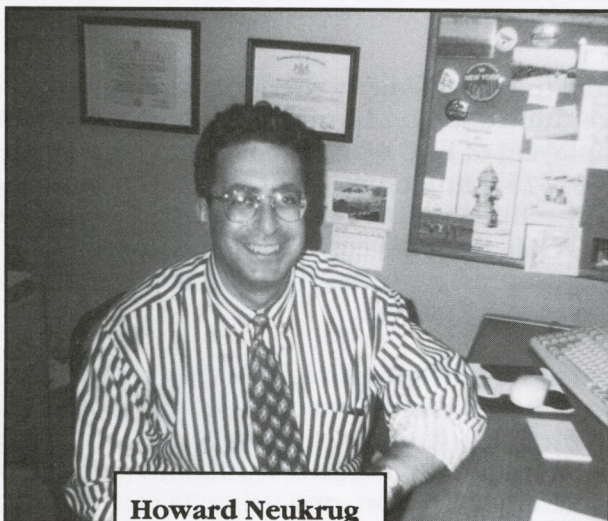


**Jim Nicolo**

December of 1994 under the auspices of WFP to provide technical know-how and establish the groundwork for future technical assistance. The WFP recommendations included reducing the amount of unaccounted for water (nearly 33%), especially during the current drought; application of modern technologies to produce higher quality water; and investment in equipment to allow recycling of clarified backwash water to increase supply.

**Jim Nicolo**, Chief, Water Pollution Control Treatment, was contacted by a representative from the U.S. Department of Commerce

**Howard Neukrug**, Manager, Planning and Technical Services, visited Bulgaria to inspect major reservoirs, watersheds, and water treatment plants there. Bulgaria faces both money and water shortages (in the capital city Sophia, half of the city experiences a water shutoff each day). Communication itself is a challenge due to the country's antiquated and inadequate telephone system.



**Howard Neukrug**

to provide information and wastewater plant tours to several officials from Greece who were in Philadelphia for a Hazardous Waste Conference. As Greece faces both increased environmental regulations from the European Community (E.C.), and the need to maintain clean rivers and ocean for their all-important tourist industry, they were very interested in how Philadelphia handles wastewater treatment. Mr. Nicolo lead their tours.

The Greek delegation was so impressed with Mr. Nicolo's depth and breadth of knowledge about wastewater treatment that he was invited to go to Greece at their expense, to lecture at the Technical Educational Institute of Athens and the National Technology University of Athens. His lecture topics

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## Bonding With PWD

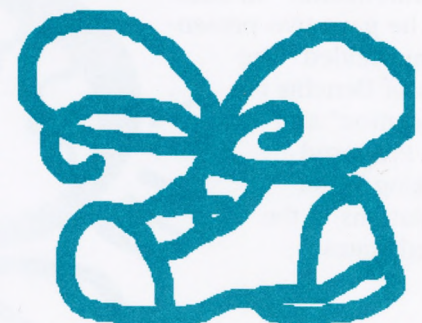
**C**iting "the significant progress the city has made in stabilizing the Water Department's financial profile," Fitch Investors Service joined Standard & Poors and Moody's Investors Service in upgrading the water and wastewater bonds to stable, investment quality ratings.



The city will refinance approximately \$220 million of outstanding revenue bonds, resulting in more than \$10 million in savings. Philadelphia had been rated below investment grade since 1991, before the Pennsylvania Intergovernmental Cooperation Authority (PICA) was created to issue bonds for the city. A new series of bonds reflecting the higher ratings have been viewed with interest by the investment community.

## American Cancer Society Relay for Life Takes Off at PWD

PWD participated in the recent Relay for Life benefitting the American Cancer Society. The Relay, held on June 9 and 10, raised \$226,336 for the ACS. PWD sent a team of 15 walkers and runners, and contributed almost \$900 to the cause. Thank you to the runners and their sponsors for their generosity.



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# AUGUST EarthMate Tip

## Field of Green!

This is the time to top dress athletic fields which have to endure heavy autumn use. A regular program of aerification and EarthMate top dressing helps control thatch, reduces compaction, supplies nutrition, allows oxygen to get to the roots, encourages water movement into the soil and smooths the playing surface. Add limestone to adjust pH to the 6.5-7.0

range. Apply a 1/4" layer of EarthMate, aerify, smooth and seed the area.

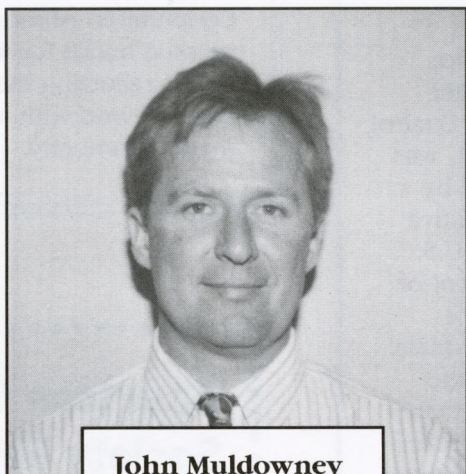


(World Wide Water continued from front)

wastewater treatment byproducts, and an overview of our Biosolids Recycling Center and biosolids composting.

**John Muldowney**, the Belmont Water Treatment Plant Manager, served as project leader for an exchange program with Poland.

Funded by EPA and coordinated through Water For People headquarters in Denver, the program involved hosting four Polish water industry professionals from April 23 through May 3 in the Philadelphia area and leading a project team in Katowice, Poland, from June 3 through 10. Mr.



**John Muldowney**

Muldowney planned the schedule of tours and meetings with the Philadelphia Water Department and the Philadelphia Suburban Water Company, and at the Forest Park Water Treatment Plant; hosted the delegation during their stay; and was responsible for final report preparation. For the return trip to Poland, the program schedule was developed using the observations and discussions conducted in the U.S. Along with two fellow PA Water For People Committee members, Mr. Muldowney participated in discussions regarding regulations, water quality, capital financing, distribution materials for construction, and automation. In addition, he gave two presentations entitled "The Costs of Benefits of Automation" and "The Proposed Drinking Water Regulations in the United States".



# PWD Managers are Award-Winners



**John E. Durrant**, Chief of the Materials Testing Laboratory, was honored by the Philadelphia Section of the American Society of Civil Engineers as its 1995 Engineering Manager of the Year. The award was presented to Durrant at the Section's annual Spring Social/Dinner Dance on May 5. The Section awards are given to, "those individuals who have made significant contributions to the civil engineering profession in the Philadelphia area," notes the Awards Committee.

Durrant is a 1976 graduate of Villanova University, where he obtained a Bachelor of Science degree in Civil Engineering. He received his Master of Science there in 1980. Durrant served as District 4 Director of ASCE in 1989-92.



PHOTO: Mike Trobich

*Jim Golembeski receives the Greater Philadelphia First Public Management Award from Mayor Rendell as Water Commissioner Kumar Kishinchand and fellow BRC colleagues look on.*

**Jim Golembeski**, manager of the Biosolids Recycling Center (BRC), received the 1994 Greater Philadelphia First Public Management Award for his exemplary performance as a management employee of the City of Philadelphia, and the plan that he and the employees of BRC came up with to save the plant from privatization. In addition to the award, Golembeski received a \$10,000 stipend for tuition for a program of professional development, education and training.

The plan included adopting a new, data-driven mission statement for plant employees, developing a five-year plan for plant production and a comprehensive capital improvement plan.

Using the Total Quality management tools of cooperation, communication and teamwork, plant management and employees of BRC reduced operating costs by 50 percent. BRC saved \$15.3 million in City spending by reducing its budget by \$30.5 million in fiscal year 93 to \$15.2 million in fiscal year 95. While reducing costs, BRC also improved its biosolids compost product, increasing their percent total solids from 17 percent to 24 percent.

Greater Philadelphia First, established in 1983, is an association of business chief executives from 32 of the region's larger corporations. It works to improve the local business climate by attracting new investment, nationally and internationally marketing the region, and using its resources to improve state and local government. James Eric Bolno of the Water Department's Planning and Engineering Division was the 1992 winner of the Public Management Award for developing the Water Department's first joint-venture project to operate cogeneration facilities.