

Carter H. Strickland, Jr. Commissioner

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96-05 Horace Harding Expressway Corona, NY 11368 T: (718) 595-5921 F: (718) 595-5997 Mr. Gerard Cox, PE Mr. George Schmitt, PE NYCDEP Engineering Design and Construction

Mr. Mark Hanson, PE, CCM Malcolm Pirnie/CH2M Hill, JV

Mr. Richard Peters, PE Hazen & Sawyer/CDM Smith, JV

Mr. Keith Chouinard SEW Construction

Mr. Kenneth Brouwer Welsbach Electric Corp.

Mr. Sean Kelly L.J. Coppola, Inc.

Re: Catskill/Delaware Ultraviolet Light Disinfection Facility
Letter of Commendation

Gentlemen.

I would like to extend my personal compliments to the entire project team responsible for delivering the Catskill/Delaware Ultraviolet Light Disinfection Facility.

The implementation of this project evolved from New York City's need to maintain the water quality of the world's largest unfiltered surface water supply. During the planning phase of the project, UV disinfection was in its infancy in the drinking water treatment industry and was used almost exclusively for residential and small commercial applications. By dramatically scaling up this technology, the world's largest UV disinfection plant has provided a cost-effective drinking water treatment system for the nation's largest City.

The project was implemented balancing the minimization of initial costs with expected operating costs as well as providing for the accommodation of anticipated future infrastructure that may become required.

We are very pleased with the project results. The cost and schedule performance was impressive as the project was delivered on budget and consent decree milestones were met. The \$1.3 billion construction project was executed in a manner that validated our confidence in the team itself and in the delivery approaches implemented, all resulting in some of the best delivery performance metrics earned on any major DEP capital construction project.

As the world's largest water treatment facility, designed to treat 2.2 billion gallons per day, the scope of design and construction was complex as much of the equipment, and many of the applications, are the largest and first of their kind. The commissioning of the new facility without interruption to the supply of safe drinking water to New York City was indeed challenging. The project team was able to manage a very difficult project schedule, meeting all regulatory milestone dates while maintaining a safe workplace. The emphasis the team placed on quality was evident throughout all phases of the project.

The project could not have been executed to meet the department's goals without the partnership of the Designer, Hazen and Sawyer/CDM Smith, the Construction Manager, Malcolm Pirnie/CH2M Hill, JV, Structures and Equipment Contractor - SEW Construction, Inc., Electrical Contractor - Welsbach Electric Corp., and Plumbing and HVAC Contractor - L.J. Coppola, Inc., and the leadership of our own DEP staff.

The team's performance displayed a consistent high regard for the interests of New York City and their desire to meet the expectations of the project stakeholders. Each member of the team is to be applauded for the results of their efforts as New York City is the proud owner of a new state-of-the-art UV disinfection facility that will serve as a standard for years to come.

Sincerely

Michael Borsykowsky, P.E