Design and Construction of the Western Ramapo Advanced Wastewater Treatment Plant Using an Alternative Delivery Approach

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Abstract:
When construction is completed in the Spring of 2010, the new Western Ramapo Advanced Wastewater Treatment Plant located in Rockland County, New York will serve Western Ramapo, the Villages of Hillburn and Sloatsburg and the unincorporated Town of Ramapo. The completed facility will not only provide advanced treatment of the service area’s sanitary wastewater flows, it will provide opportunities for water reuse in the critical Ramapo River watershed, benefiting communities in both New York State and the State of New Jersey.

An addition to the many unique technical challenges, the project also involved an innovative delivery approach, bringing together an impressive consortium of expertise to turn the conceptual design of into an operating facility. This paper will provide the perspective of the project from the consortium’s environmental consulting engineering.

Bio:
Since joining the firm of Camp Dresser & McKee nearly 24-years ago, Mr. Schoettle has gained diverse experience in the field of water and wastewater engineering, with significant contributions on planning, design and construction projects throughout New York, New Jersey, Connecticut, and Illinois. Much of this work has involved upgrading and expanding existing water and wastewater treatment facilities, pumping stations, distribution and collection facilities.

In 2009 Mr. Schoettle assumed the role of the firm’s Metropolitan New York City Area Manager where he has overall responsibility for the delivery of consulting, engineering, construction, and operations services to CDM’s New York City clients including the New York City Department of Environmental Protection the New York City Economic Development Corporation and the Port Authority of New York and New Jersey.

Mr. Schoettle is a board certified wastewater engineer, licensed in the States of New York and New Jersey. He received Bachelor’s and Master’s degrees respectively in Civil and Environmental Engineering from Manhattan College.