**Moussa Wone – WWTWG At-Large Nomination 2023**

Dr. Moussa Wone is the Vice President for the Clean Rivers Project, also known as the Combined Sewer Overflow (CSO) Long Term Control Plan. Dr. Wone is responsible for implementing the project, which is designed to improve water quality in the District by controlling combined sewer overflows to our waterways. The project is one of the largest environmental projects in the District, spans 25-years and is federally mandated by a consent decree.

The Clean Rivers Project includes the planning, design, and construction of major infrastructure including a system of more than 18 miles of large tunnels along the Anacostia and Potomac Rivers, green infrastructure, targeted sewer separation, and a storage facility along Rock Creek. The CSO discharges captured by Clean Rivers infrastructure will be conveyed to the Blue Plains Advanced Wastewater Treatment Facility for treatment and discharge into the Potomac River.

In addition, Dr. Wone leads DC Water’s assessment of and response to various regulatory matters and studies. This includes assessments for various TMDLs (nutrients, bacteria, metals, organics, and others), triennial review of water quality standards, NPDES Permits reapplication, negotiation, and reissuance for Wastewater Treatment Plant (WWTP), combined sewer system and separate stormwater system and pre- and post-construction monitoring.

Dr. Wone leads a team responsible for modeling of the combined sewer system in the District and receiving water modeling of the Anacostia and Potomac River and Rock Creek in the District to predict compliance with water quality standards, and the efficacy of controls, and impacts of new standards.

Before joining DC Water, Dr. Wone was the Engineer of Record and Lead Designer for the $330M Blue Plains Tunnel (BPT). That project was awarded the International Tunneling Association 2013 award for Technical Innovation of the Year, the 2016 ENR Best of the Best Project award and the 2016 DRB Dispute Avoidance Project award. During his tenure on the BPT, Dr. Wone oversaw the development of the durability requirements for the BPT structures that DC Water used as the technical justification basis for its 100-year Green Bond proceeds. Previously, Dr. Wone was the architect/engineer Owner Representative consultant for the Dulles Corridor Metro Rail Project. In this post, he was responsible for tunneling and tunnel systems program management support services for the Metropolitan Washington Airports Authority’s $2.9B, 11.7 mile, Phase-1 extension of the Washington Metro from West Falls Church through Tyson Corner to Dulles Airport.

Dr. Wone has more than 30 years of engineering and leadership experience in both the public and private civil engineering sectors. He is a graduate of Ecole Nationale des Ponts et Chaussees (Paris, France). He is a licensed Professional Engineer and a Certified Design-Build Professional. Dr. Wone currently serves on the Executive and Alternative Delivery Methods Committees of the Underground Construction Association, Society of Mining Engineering (SME).