

David Adams, ENV SP

Civil Engineering and Sustainability Consulting
Project Engineer, Wilmot Inc.



After spending two years in the Peace Corps, David realized he could continue serving in whatever career he chose. Fortunately, he chose to continue his career as an engineer. He understands that the best solutions to a problem consider not only financial and physical limitations, but also social concerns and community goals. -



Education

Bachelor of Civil/Environmental Engineering
University of Cincinnati
2008

Experience

Project Engineer
Wilmot Inc.
2014-present

Volunteer, Jamaica
Peace Corps
2009-2011

Facilitated the collaboration of community groups, government organizations, and non-profit groups to complete water projects in rural Jamaica.

Engineer
City of Canton, OH Wastewater Department
2007-2009

Co-op Student
Water and Wastewater Consulting
2005-2007

David holds a degree in Civil Engineering from the University of Cincinnati. After working for several Municipal Water/Wastewater consulting firms, he joined the Peace Corps, where he spent two years building community capacity and bringing clean water to rural parts of Jamaica. David brings this spirit of service to everything he does.

He has a proven ability to identify underserved community needs, design impactful solutions and implement sustainable programs with lasting results. His experience in the Peace Corps developed his ability to forge relationships between governments, businesses, and community leaders in order to achieve common objectives. He consulted with local governments on community standards, planning tools, and GIS implementation.

With his experience in water and wastewater engineering, David recognizes that when you view projects through a sustainable lens, it results in more optimized facilities, more valuable communities, and more economical operations.

Notable Projects

Central WWTP Optimization
Metro Water Services, Nashville, TN
Developed a sustainability plan and provided design support for a large wastewater treatment plant upgrade that prioritizes energy efficiency. The plan included solar energy installations, adding public space and a greenway.

Energy Management Program
Metro Water Services, Nashville, TN
Performed a comprehensive analysis of energy usage at municipal water and wastewater treatment facilities as a part of the city's Energy Management Program. Made recommendations for sustainable, cost effective improvements of operations.

Glass Recycling Feasibility Study
Metro Public Works, Nashville, TN
Identified beneficial reuse options for glass in the municipal solid waste stream as well as end users and assessed the logistics and financial feasibility of diverting glass from the landfills.

Energy Co-Generation
Calvert City, Kentucky
Qualified landfill leachate and methane flows to determine the feasibility of an energy co-generation project at a municipal landfill and wastewater treatment facility.

Overflow Abatement Program
Metro Water Services, Nashville, TN
Provided design support, inspection services, and investigated opportunities to reduce overflows and reduce inflows to the municipal sewer system.