**DAVID A. FUNK**

**1928 West Walnut Street**

**Allentown, PA 18104**

**Email: dfunk@eaest.com**

**PROFESSIONAL WORK EXPERIENCE**

**EA Engineering, Science, Technology, Inc., Hunt Valley, MD 2020-Present**

Senior Technician/Remedial System Operator

Responsible for operating and maintaining a groundwater treatment system for the U.S. EPA. The Superfund site is in Berks County, PA. Troubleshoot systems and provide corrective action. Perform monitoring and collect samples for state and federal project compliance. Interact with company personnel and the EPA to effectively manage operations.

**CDM-Smith, Inc., Wayne, PA 2013-2020**

Remedial System Operator

Transitioned from CDM-Smith to EA Engineering in August 2020 when EA was awarded new EPA contract

**Hydro Solutions, LLC, Allentown, PA 2023-Present**

President

**Select Environmental Solutions, Wormelsdorf, PA 2013-Present**

**K.L. Fulford Associates, Emmaus, PA**

Lead Operator

Responsible for providing contract water/wastewater services to private clients. Lead a group of water/wastewater operators. Work as a team to complete daily activities.

**Career Summary**

I have been involved with water resources in some capacity for 50 years. My first job in the family business at age 10 years was as a helper on a water well drilling rig. Drilled my first water well at age 14. I started my career in 1987 and spent many years working as a professional geologist. I have managed numerous environmental site investigations, hydrogeologic investigations and soil and groundwater remedial investigation. Involved with the installation or oversight of more than 1000 wells. I also have a strong working knowledge of pumps, both centrifugal and submersible.

**Pennsylvania State University**

In 1985, I had the great opportunity to start working with the renowned professor of Hydrogeology, Dr. Richard Parizek. I did field work for his projects, and he taught me how to effectively increase well yields by performing fracture trace studies using aerial photographs. He taught me how to perform many specific hydrogeologic evaluations. I taught him how to use divining rods to find water.

**Deer Park Spring Water** From 1998 to 2001, I was the Natural Resources Manager for the Perrier Group of America. I was responsible for managing water resources in the N.E. U.S. and Mid-Atlantic states. I was directly responsible for their Allentown Plant’s six spring water operations. The Allentown facility was the **world’s** largest/most productive bottling facility consuming between 800,000 and 1MGD. My annual capital budget was $4-6M. The annual operating budget for the six plants was $800,000 to $1M. I also had some responsibility for siting their new $100M+ spring water bottling plant in the Midwest U.S. I traveled the country looking at and evaluating spring sources. Other responsibilities included: Federal Water Withdrawal Permitting, State and Local Permitting, Federal and State Water Quality Permitting, Influential in developing new PA Water Law and Legislation, Pioneered the concept of Spring/Borehole correlation utilizing both drawdown and specific water chemistry, worked directly with the federal Delaware River Basin Commission and Susquehanna River Basin Commission.

**EDUCATION**

Pennsylvania State University, B.S. Geoscience, 1987, emphasis in hydrogeology

\*Received 2-year National Water Well Association Scholarship (1984-1985)

**TRAINING**

California State University, Sacramento (2010-Present) Continuing Education Credits for PA water system operator license

California State University, Sacramento (2010-Present) Continuing Education Credits for PA wastewater system operator license

**PROFESSIONAL REGISTRATION**

Professional Geologist, Pennsylvania (1994-Present)

Pennsylvania Certified Water System Operator (Class A)

Pennsylvania Certified Wastewater System Operator (Class A, Activated Sludge)