

Brian L. Book, P.E.**EDUCATION**

B.S., Chemical Engineering, Bucknell University, 1986

M.E., Environmental Engineering, The Pennsylvania State University, 1997

LICENSES

Professional Engineer, PA: PE-043016-E, 1992

Wastewater Treatment Plant Operator, Class AO, PA: T2531, 1997

EXPERIENCE**cb³ Solutions, LLC, Bellefonte, PA****Lead Engineer, February 2018 – Present**

Provide Consulting Engineering Services to Local Municipalities, Authorities and County Governments. Work includes support of efforts to secure grants and loans (DCED, PennVEST, PA DEP Small Project Grant Program, & Federal ARPA); completing Act 57 Tapping Fee Studies; providing Chapter 94 Reports & Consumer Confidence Reports; providing long-range planning support; conducting project design services and supporting construction activities; reviewing developer's projects; and providing assistance in securing additional Survey and Engineering support for clients. Clients include:

- Borough of Middletown, Dauphin County, Special Projects from February 2018 to November 2020
- Bradford Sanitary Authority, McKean County, Special Projects beginning in March 2018
- Centre County - Department of Planning & Community Development, Centre County, Special Projects from October 2018 to March 2020
- Thompsontown Municipal Authority, Juniata County, Retained Engineer for Water & Wastewater beginning in January 2019
- East Salem Sewer Authority, Juniata County, Retained Engineer beginning in January 2019
- Port Royal Municipal Authority, Juniata County, Began as Special Projects Support in January 2019 and became Retained for Water & Wastewater in January 2020
- Thompsontown Borough, Juniata County, Retained beginning in September 2019
- McAlisterville Area Joint Authority, Juniata County, Began as Special Project Support in June 2019, Retained by this Water & Wastewater System in September 2019
- Port Royal Borough, Juniata County, Retained Engineer beginning in January 2020
- Altoona Water Authority, Blair County, Special Projects beginning in November 2019

Rettew Associates, Inc., Williamsport, PA**Service Area Manager, Market Leader-Water/Wastewater, November 2015-January 2018**

Led the Energy and Environment division while supervising 31 employees in various offices and marketing engineering opportunities. Served as project manager on projects across PA, including:

- Municipal Authority of the Town of Bloomsburg, Columbia County, Retained Engineer
- Borough of Northumberland, Northumberland County, Retained Engineer
- Upper Montgomery Joint Authority, Montgomery County, Retained Engineer
- Manheim Area Water & Sewer Authority, Lancaster County, Retained Engineer
- Borough of Highspire Sewer Authority, Dauphin County, Retained Engineer
- Thompsontown Municipal Authority, Juniata County, Retained Engineer

- McAlisterville Area Joint Authority, Juniata County, Retained Engineer
- Borough of Middletown, Dauphin County, Special Projects

Hazen and Sawyer, PC, State College, PA

Senior Associate, February 2010 - November 2015

Responsible for the development of a start-up regional office for Hazen & Sawyer in State College, PA. Duties included the hiring of staff and establishment of facilities in the Central PA Region. Supervised eleven engineers and technicians in State College and Pittsburgh area. Clients included:

- City of Erie, Bureau of Sewers, Erie WWTP, Erie County, Special Projects
- Brodhead Creek Regional Authority, Wayne County, Special Projects
- Capital Region Water Authority, Dauphin County, Special Projects
- Municipal Authority of the Town of Bloomsburg, Columbia County, Retained Engineer
- Borough of Shippensburg, Cumberland & Franklin Counties, Retained Engineer
- Borough of Northumberland, Northumberland County, Retained Engineer
- Gregg Township Municipal Authority, Union County, Retained Engineer
- Upper Montgomery Joint Authority, Montgomery County, Retained Engineer
- Borough of Lansdale, Montgomery County, Special Projects
- Benner Township Water Authority, Centre County, Retained Engineer
- McEwensville Municipal Authority, Northumberland County, Retained Engineer
- Derry Township Municipal Authority, Dauphin County, Special Project
- Fritz Island WWTP, City of Reading, Berks County, Special Project
- Warrior Run School District, Northumberland County, Special Project

Herbert, Rowland & Grubic, Inc., Lancaster, Harrisburg & State College, PA

Vice President, Environmental Service Group, June 1992 – January 2010

Vice President and Service Group Manager of the Water & Energy Service Group of Herbert, Rowland & Grubic, Inc. Oversaw 51 technical staff in seven offices throughout Pennsylvania. Specific projects include:

- Erie Sewer Authority, Erie County, Special Projects
- The Harrisburg Authority, Dauphin County, Special Projects
- Berwick Area Joint Sewer Authority, Columbia County, Retained Engineer
- South Creek Township, Bradford County, Retained Engineer
- East Waterford Sewer Authority, Juniata County, Retained Engineer
- Lycoming County Water & Sewer Authority, Lycoming County – Retained Engineer
- Hermitage Municipal Authority, Mercer County, Special Projects
- University Area Joint Authority, Centre County, Retained Engineer
- Fox Township Municipal Authority, Elk County, Retained Engineer
- Mid Centre County Authority, Centre County, Retained Engineer
- Hawley Area Authority, Pike County, Retained Engineer.
- Washington Township Municipal Authority, Franklin County, Retained Engineer
- Borough of Berwick Municipal Authority, Columbia County, Retained Engineer
- Spring-Benner-Walker Joint Authority, Centre County, Retained Engineer
- Centre Regional Planning Commission, Centre County, Special Projects
- Port Matilda Borough Authority, Centre County, Retained Engineer

- McEwensville Borough Authority, Lycoming County, Retained Engineer
- Mid Cameron Authority, Cameron County, Retained Engineer
- Muncy Creek Township Authority, Lycoming County, Special Projects
- Bellefonte Borough, Centre County, Retained Engineer
- Benner Township Water Authority, Centre County, Retained Engineer
- Unionville Borough, Centre County, Special Projects
- Alexandria Borough-Porter Township Joint Sewer Authority, Huntingdon County, Retained Engineer
- Lamar Township Water and Sewer Authority, Clinton County, Special Projects
- Smithfield Township, Huntingdon County, Township Engineer.
- Duncannon Borough Water System, Perry County, Retained Engineer

Penn State University, Capital and University Park Campuses

Part Time Instructor – Civil/Environmental Engineering, 1999 – 2005

Part-time instructor for the following courses:

- CE 472W – Environmental Capstone Design, WWTP – Spring 1999
- CE 577 – Wastewater Treatment Plant Design – Spring 2000
- CE 371 – Water and Wastewater Engineering – Spring 2001 & Fall 2005
- CE 370 – Introduction to Environmental Engineering – Spring 2002

Gannett Fleming, Inc, Camp Hill, PA

Environmental Design Engineer, November 1988 – June 1992

Design Engineer responsible for design, preparation of construction documents, and review of contractor submissions for wastewater facility construction contracts on the following projects:

- Exeter Township Authority, Berks County, PA – 7.2 mgd extended aeration plant
- Duncannon Borough Municipal Authority, Perry County, PA – 0.74 MGD SBR plant
- Borough of Tamaqua Sewer Authority, Schuylkill County, PA – 2.43 MGD extended air
- Borough of Doylestown, Bucks County, PA – 0.90 MGD carrousel oxidation ditch
- Borough of Waynesboro Municipal Authority, Franklin County, PA – 1.5 MGD two-stage trickling filter plant
- Annville Municipal Authority, Lebanon County, PA – enhanced reed-drying beds.
- East Pennsboro Sewer Authority, Cumberland County, PA – Oyster Mill Pumping Station Expansion
- State College Borough Authority, Centre County, PA – Thompson’s Run By-Pass Sewer
- Duncannon Borough Municipal Authority, Perry County, PA – Act 537 Plan
- Kellogg, Inc., Muncy, PA – oils/greases lamella plate separator for industrial pretreatment
- New Jersey Transit Authority, NBC-1 Bus Complex, Newark, NJ – Ultrafiltration System
- IBM, Manassas, VA – Water Conservation & Treatment Study
- Graham Engineering, York, PA – Water Processing Study
- Cumberland County Landfill, Cumberland County, NJ – Leachate treatment system design

More information available upon request.