

David Cowell, PE

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PROFESSIONAL EXPERIENCE

Senior Water/Wastewater Project Manager

Apr 2026 - Present

HDR, Wilmington, NC

- Direct and coordinate the work of multidisciplinary project teams from initiation to closeout.
- Conduct work sessions for deliverable development in conjunction with consultants and stakeholders.
- Monitor complex project scope, schedule, and budget. Develop and initiate corrective strategies.

City Engineer

Jun 2007 – Mar 2026

City of Wilmington, Wilmington, NC

- Led a multidisciplinary municipal engineering team with 30 to 66 full-time positions.
- Delivered over \$300M worth of public infrastructure capital projects since 2001. Established project scope, schedule, budget, and resourcing. Directed project design, permitting, property acquisition, bidding, construction, reporting, and closeout. Served on the interdepartmental Capital Improvement Program Core Team.

Construction Manager

Nov 2002 – May 2007

City of Wilmington, Wilmington, NC

- Supervised construction inspection for capital improvement & private development projects.
- Served as Project Manager for public infrastructure capital projects. Established Right-of-Way Permit program.

Project Engineer

Oct 2001 – Oct 2002

City of Wilmington, Wilmington, NC

- Approved designs of water and wastewater systems for the 1995 and 1998 annexation service plans.

Professional Engineer

Jul 1987 – Sep 2001

Van Cleef Engineering Associates, Hamilton Square, NJ

- Appointed as Consulting Engineer for the Robbinsville Twp Public Works Department (formerly WTMUA) & Richland Twp Water Authority. Authored regulations, rate schedules, maintenance, and planning documents.
- Designed water supply pumping/storage/distribution and wastewater pumping/collection/disposal systems.

Engineering Associate

Jun 1986 – Jun 1987

Douglas Hildenbrant, PE, Pomona, CA

- Assisted with forensic structural investigation and foundation repair.

TECHNICAL SKILLS

- Project Management
- Water/Wastewater Engineering
- Municipal Engineering
- Construction Management

EDUCATION

California State Polytechnic University

Pomona, CA

Jun 1986

Bachelor of Science

Magna Cum Laude

Rutgers University Graduate School

New Brunswick, NJ

Sep 1999 – Jun 2000

Advanced Water Supply & Sewerage

Non-Matriculated (GPA 4.00)

Water Treatment Plant Design

PROFESSIONAL LICENSURE

Professional Engineer

New Jersey 1994

Pennsylvania 1995

North Carolina 2002