

# **JAMES A. CALDWELL**

## **SUMMARY OF QUALIFICATIONS**

Accomplished, results oriented, professional with over 40 years of progressive knowledge and leadership in environmental management and sustainability practices. Advanced knowledge and understanding of environmental policies, regulations and technology with demonstrated success in a variety of environmental initiatives and projects focused on sustainability. Adept at building and leading large, successful teams of professionals by setting goals, communicating, motivating and empowering. Strong verbal and written communication, relationship building, training and presentation skills. Dedicated professional looking to utilize demonstrated leadership and management skills to continue in the development of sound environmental initiatives and sustainable practices.

## **CORE COMPETENCIES**

Environmental Policy and Planning  
Environmental Monitoring and Compliance  
Stormwater Program Management  
Environmental Education  
Personnel Management

Sustainable Practices, LEED principles  
Energy Conservation and Noise Control  
Water and Wastewater Technology  
Program Administration and Implementation  
Budget Planning, Analysis and Maintenance

## **PROFESSIONAL EXPERIENCE AND KEY ACCOMPLISHMENTS**

### **Environmental Policy and Sustainability Practices**

- Planned, developed, reviewed, and directly participated in the establishment of environmental initiatives throughout Montgomery County, and Howard County, Maryland
- Became the first county in Maryland (2002) to implement a fee-based stormwater facility inspection and maintenance program
- Led the largest US municipal purchase of wind-based electricity
- Designed and implemented a comprehensive ozone action day pollution mitigation program
- Developed a nationally recognized stream assessment and restoration program
- Implemented numerous community-based energy conservation programs
- Championed Low Impact Development (LID) designs to reduce stormwater impacts
- Developed an aggressive multi-media outreach program designed to partner with the business and residential community and implement a variety of sustainable environmental practices
- Managed the development of resource protection strategies for all major natural resource areas including air, water, energy, groundwater and forests

### **Client Relationship Management**

- Represented local government on a variety of Local, State and Regional Committees, including the Washington Air Quality Committee, the Chesapeake Bay Policy Committee, the Anacostia Restoration Committee and the Washington Regional Wastewater Committee
- Coordinated pollution mitigation programs with Federal and State government, local agencies and private companies, and evaluated the success of both programs and personnel

- Served as a founding member on the Board of Directors of the DC Water and Sewer Authority for 10 years and chaired the Environment and Operations Committee
- Chaired a senior level committee, representing five local jurisdictions from three states, charged with allocation of wastewater capacity in the Washington, DC metropolitan area

### **Administration and Personnel Competencies**

- Managed a staff of over 65 professionals – engineers, scientists and planners – involved in policy development, program implementation and enforcement in the areas of air quality, water quality, energy conservation, water and wastewater management, hazardous materials management and environmental education
- Responsible for the organization, management and career development for professional, field and administrative staff
- Managed an \$8 million operating budget and a \$35 million capital budget

### **EDUCATION**

MS Environmental Management, American University, Washington, DC  
 BS Wildlife Zoology, The Ohio State University, Columbus, OH,

### **EMPLOYMENT HISTORY**

**10/2011- 5/1/2019** **Office of Community Sustainability**, Howard County, Maryland  
 1/2015-5/2019 Director, Office of Community Sustainability  
 10/2011 – 1/2015 Manager, Stormwater Policy and Programs  
**11/2009 – 9/2011** **President, The Caldwell Environmental Group**, Mt. Airy, Maryland  
**5/2007 – 11/2009** **Vice President and General Manager, Berzaci Manufacturing**, Kearnesysville, WV  
**3/1981 – 12/2006** **Department of Environmental Protection**, Montgomery County, Maryland  
 1/1996 – 12/2006 Director, Department of Environmental Protection  
 3/1992 – 12/1995 Chief, Office of Environmental Policy and Compliance  
 8/1988 - 2/1992 Environmental Manager, Environmental Monitoring/Enforcement Group  
 3/1981 - 7/1988 Environmental Planner and Manager of Field Operations  
**1/1987 - 4/1996** **Board of Appeals, Howard County Maryland** (Chairman 2 years)  
**1/1977 - 3/1981** **Environmental Scientist/Engineer, EnviroControl, Inc**, Rockville, Maryland  
**11/1976 - 12/1977** **Staff Scientist, Tracor Jitco, Inc.** Rockville, Maryland

### **AFFILIATIONS**

**Chesapeake Stormwater Network, Board of Directors**, 2017- present  
**Maryland Water Monitoring Council**, 2013- 2019  
**Maryland Science Center**, Science and Education Council, 1998 - present, past Chairman  
**Howard County Environment and Sustainability Board**, 2008 to 2011  
**Commission on the Future – Sustainability Task Force**, Howard Community College, 2007  
**Robinson Foundation Advisory Board**, 2009 to 2011  
**Howard County Green Business Council**, Executive Director 2009 to 2012

### **AWARDS**

Received a total of 17 NACO (National Association of Counties) Achievement Awards and a variety of additional awards in recognition of environmental and sustainability initiatives.