

**Detailed Resume:**

**Robert A Elefritz, P.E.**  
**Private Consultant**



**Biographic, Education & Registration**

**Birth date: April 3, 1950**  
**Richwood, West Virginia**

**Education:**

- 1. BSChE, 1973, Magna cum Laude**  
**University of Akron, Akron, Ohio**
- 2. MSChE, 1976, with honors**  
**University of Akron**

**Professional Registration:**

- 1. Professional Engineer # 28408**  
**State of Florida, Feb 1980 (current)**
- 2. Professional Engineer # 20798**  
**State of North Carolina, Feb 1995 (lapsed)**

**Professional Awards:**

- 1. 1983 ACEC Grand National Award, Wash DC**  
**Belle Glade Florida WTP Ozonation Study**  
**Briley Wild & Associates**
- 2. 1985 ACEC Grand National Award, Wash DC**  
**Ormond Beach Florida WTP Ozone Project**  
**Briley Wild & Associates**
- 3. 1987 ACEC GRAND CONCEPTOR Award, Wash DC**  
**Break Away Trails Environmental Community**  
**Ormond Beach, Florida**  
**Briley Wild & Associates**

## **Publications and Patents....numerous**

### **Recent Patents:**

- 1. US # 7,329,344 B2: "Grease and Scum Removal in a...."**
- 2. US # 7,344,643 B2: "Process to Enhance Phosphorus..."**
- 3. US # 7,455,765 B2: "Wastewater Process System..."**
- 4. US # 7,569,148 B2: "A System for Treating Wastewater..."**

### **Chronological Work Experience:**

- 1. 1970 to 1973 Various Engineer Intern/Co-op positions with PPG, General Tire, and Babcock & Wilcox FPGD**
- 2. 1973 to 1979, Project Engineer/Scientist at Firestone Central Research Lab, New Process Development Group Akron, Ohio**
- 3. 1979 to 1994, Project engineer progressing to Asst Director of Engineering for Briley, Wild & Associates Consulting Engineers of Ormond Beach, Florida. He served as a Municipal consulting engineer for various communities throughout the State of Florida. Licensed first in Florida, Feb 1980 and continuing through the current day.**

**(See Awards Section)**

- 4. 1994 to 2003, Senior Process Engineer for McKim & Creed Consulting Engineers, Ormond Beach, Florida. M&C bought BWA in 1994, retraining some of the staff and all of the clients to establish a foothold in Florida. For the next 9 years I provided water and wastewater process design guidance, sales presentations, and young engineer mentoring for M&C offices throughout the Southeast, from Norfolk, VA to Charlotte, NC, Raleigh/Cary, NC to various offices in Florida. License in NC, Feb 1995**

5. **2003 to 2006, Manager, Corporate Technology Group for US Filter Corporation. I was recruited from M&C by Joe Zuback and Steve Wirtel to bring more “street” engineering experience into the CPG organization which was USF’s troubleshooting, fire fighting, and special projects and sales group. We handled everything from process and project risk reviews to liaison of various business units with the DBO arm of USF Operating Services. During that time frame we worked on numerous DBO projects from Tampa Bay Water to various biosolids and dryer applications.**
6. **2006 to January 2011, Siemens AG bought USF from Veolia. The CPG group transitioned into a variety of sales support and new product development assignments. I have been involved in new product R&D, currently as a technology incubator, since late 2007 focusing primarily in the municipal arena for wastewater treatment, reuse, and biosolids handling.**
7. **Private consultant and semi-retired**

**Career Focus and Major Strengths:**

1. **Novel and innovative treatment process development and applications for a wide variety of municipal and industrial wastewater issues world side.**
2. **New technology incubation into usable products, followed by market introduction support, initial presentations, etc**
3. **Sales support for either products or services in the field of wastewater treatment and engineering.**
4. **Coordination and liaison support for various wastewater DBO and DBOOM projects**
5. **Mentoring new employees, especially young engineers into mature staff**
6. **Troubleshooting problems with existing treatment systems in the field**

**Personal References:**

- 1. Joseph Zuback**  
**Global Water Advisors, Inc.**  
**Office Phone: (805) 504-1347**  
**Cell Phone: (805) 312-0832**
- 2. Gerald Alexander**  
**Global Director, Process Water Integrated Solutions**  
**Siemens Water Technologies**  
**2272 Colmena Street La Canada, CA 91011**  
**(818) 542-3150**
- 3. Marek Mierzejewski**  
**Senior Director, Int'l Project Development, Integrated**  
**Solutions-Industrial Segment**  
**Siemens Water Technologies**  
**10146 West Broad Street, Glen Allen, VA 23060**  
**(804) 290-4351**