

## Elizabeth Turner

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### TECHNICAL QUALIFICATIONS

Leadership activities: The NELAC Institute Board of Directors (2010 to 2016), Chair of the TWUA Laboratory Analyst Section (2014 - 2017), Chair WEAT Laboratory Committee (2014 to present), President of North Texas Laboratory Analysts Section of TWUA (1/2011 to 12/2013), Chair of AWWA Water Quality Laboratory Committee (2009 to 2013, 2017 - present), Vice Chair of AWWA Water Quality Laboratory Committee (2008, 2016), 2014 Class of WEF Water Leadership Institute

Certification: Registered Environmental Manager, Certified Environment and Safety Compliance Officer

Licenses: Texas B Surface Water license, Texas A Wastewater license, TWUA A Laboratory Analyst License

Awards: 2016 WEAT Laboratory Award, 2013 TWUA North Central Texas Leadership Award, 2011 TWU Laboratory Leadership Award, 2007 Great Laboratory Manager Award by Laboratory Equipment Magazine

### PROFESSIONAL EXPERIENCE

- 12/2018 – Present      **Pace Analytical Services, LLC – Dallas**      Allen, TX  
Quality Manager
- Manage Laboratory Quality programs for Organics, Metals, Wet Chemistry, Microbiology, Client Services and Field Services
  - Manage lab primary and secondary accreditations
  - Serve as subject matter expert for drinking water, wastewater, and hazardous waste regulations
  - Manage laboratory training program and provide technical training for staff
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- 11/2010 – Present      **North Texas Municipal Water District**      Wylie, TX
- 07/2016 – 08/2018 *Special Projects Manager*
- Managing the Hazardous Waste Program
  - Serve as internal consultant for technical review of fact sheets, press releases
  - Managing obtainment of Best Practices, Regulatory Requirements and Case Studies related to reservoir and dam operations in anticipation of new water reservoir
  - Assist with other short term projects
- 01/2015 – 06/2016 *Environmental Services Officer*
- Oversee Laboratory, Pretreatment, Regulatory Compliance, Environmental Monitoring, Watershed Management, Safety and Permitting departments
  - Manage corporate regulatory compliance programs including regulatory sample collection.
  - Manage corporate safety programs
  - Prepares and manages budget for 6 departments (>\$ 7.5 million)
  - Strategic planning for program development in areas of responsibility
  - Interacts regularly with various stakeholders, customers and regulatory officials
- 3/2013 – 01/2015 *Environmental Services Manager*
- Oversees Laboratory, Pretreatment and Environmental Services Programs
  - Responsible for safety and regulatory programs for the Environmental Services Division
  - Manage a staff of 40 professional and technical employees
  - Prepares and controls division budget of \$2.9 million
  - Strategic planning for areas of responsibility
- 11/2010 – 3/2013 *Laboratory Manager*
- Manages medium water/ wastewater laboratory ensuring all federal, state and local regulations are met

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- Prepares technical specifications for equipment and contractual services
- Prepares and controls laboratory budget of \$2.9 million
- Manages laboratory safety program
- Provides input on draft wastewater permits
- Implemented comprehensive laboratory training program to include internal and external training
- Implemented employee recognition program
- Improved quality control and customer service through purchase of quality supplies and focus on customer needs
- Improved root cause analysis and corrective actions program
- Established regular meetings with internal customers and improved coordination and communication with external customers
- Reorganized laboratory structure resulting in improved workflow, communication and significantly improved sample turnaround times

## EDUCATION

**Virginia Polytechnical Institute**, Falls Church, Virginia  
MS in Environmental Science and Engineering May 2004  
**Stockton State College**, Pomona, NJ  
B.S. Biology, 1991 - Concentration in molecular biology

## MEMBERSHIPS

American Water Works Association, AWWA Distribution Water Quality Committee, , AWWA Source Water Protection Committee, AWWA Standard Methods Committee, Texas Water Utilities North Texas Laboratory Analyst Section, Water Environment Federation Laboratory Practices Committee, Water Environmental Association of Texas (WEAT), WEAT Stormwater Committee, WEAT Laboratory Committee, The NELAC Institute Microbiology Expert Committee, TNI Small Laboratory Advocate

## PUBLICATIONS

- Over 40 conference presentations, journal articles, manuals of practice and books. Highlights include:
- Frequent contributions to *Texas Water Utilities Association Journal*
  - Multiple articles in *WE&T Magazine*
  - Coauthor and editor of M12 Simplified Procedures for Water Examination, Sixth Edition. AWWWA. 2014.
  - Cantor, A., C. Hill, R. Giani and Elizabeth Turner. M58 Internal Corrosion Control in Water Distribution Systems. AWWA. 2011.
  - Turner, Elizabeth and Mitchell-Obregon, Sandra. "Watershed Monitoring and Social Marketing Principles: Where the Two Meet". Texas WET. January 2009.
  - Turner, Elizabeth. "Implementing an Operations DBMS at a Water Treatment Plant", VA-AWWA Information Technology Conference, 2004 and AWWA IMTEC 2005
  - Turner, Elizabeth. "Washington Aqueduct Response: Desktop Study, Corrosion Inhibitor Implementation and Flow-Through Pipe Loop Study" AWWA Water Quality Technology Conference, 2004.
  - Turner, Elizabeth and Paszko, Christine. *Laboratory Information Management Systems, Second Edition, Revised and Expanded*, Marcel Dekker, September 2001
  - Ibrahim, Eva, Dixon, Kevin and Turner, Elizabeth. "Optimizing Treatment for Conflicting Objectives." AWWA Water Quality Technology Conference. 1997