

TIMOTHY A. WELCH, P.E.

954-310-8015 (mobile)

gatorwelch@bellsouth.net

Utility Industry leader with extensive experience in water, wastewater and natural gas, public works, Facilities Maintenance, and capital project planning, design, and project delivery, including procurement, construction, administration and certification

City of Sunrise

Director of Utilities (January 2010 to Present)

- Supervise approximately 300 positions in five divisions serving a 70 square mile area including customers in six (6) separate cities
- Delivering a 5-year Water and Wastewater Capital Improvement Plan (CIP) valued at \$250M, operating a Water and Wastewater Utility Enterprise with annual revenues of \$120M, Stormwater Enterprise with revenues of \$8.8M, and Natural Gas Enterprise with revenues of \$10.8M
- Supervised delivery of the 2019 Sustainability Action Plan for the City
- Established Conservation Rates and measures, participated in delivery of C-51 Reservoir Water Supply (5 MGD) and implemented a 2 MGD centralized Water Reclamation Treatment and Distribution System
- Primary leader in delivering an advanced metering infrastructure including 63,000 water accounts and about 9,600 natural gas accounts

City of Sunrise

Assistant Director of Utilities (February 2007 to December 2009)

- Supervised Field Operations and Utilities Engineering Divisions with Capital Improvement Program (CIP) delivery, including (approximately 60 employees); alternate water supply project planning for SFWMD Permit Renewal, planned and prioritized Renewal and Replacement (R&R), regulatory compliance related and growth related projects in CIP (Flamingo Park 15 MG surficial aquifer groundwater wells (4) project, Sawgrass WTP 5 MG ground storage tank with 50 MGD high service pumping station & auxiliary power project, 15 MGD Sawgrass WWTP Effluent Disposal System expansion, 30-inch Pine Island Road water transmission main replacement, Griffin Road 18-inch water and 12-inch wastewater force main replacements (JPA with FDOT), FDOT Utility Relocations on S.R. 84 (3P contract) for I-595 Reconstruction)
- Delivered Water Quality Optimization & Corrosion Control Plan, 2008 Water and Wastewater Master Plan, Industrial Pretreatment User Survey, 2009 Reuse Feasibility Report, annual Consumer Confidence Reports, 2009 Water Supply Facilities Work Plan, and in 2011-2013 initiated and completed a Reuse Facilities System Plan

City of Fort Lauderdale

Land Development Manager (May 2006 – February 2007)

- Supervised Engineering and Right of Way permitting Section - same duties as listed below. Promotion occurred to realign responsibilities with title

City of Fort Lauderdale

Engineering Design Manager (February 1996 to April 2006)

- Supervised Engineering and Right of Way permitting Section, reviewed engineered paving, grading, drainage, water and wastewater, and traffic/transportation designs,
- Collected capital expansion fees for water and sewer committed flows
- Collaborated with various departments of the City for completion and execution of developer agreements, contracted for traffic analyses and applied conditions into permits as required,

reviewed and collaborated with Traffic Engineers and Planning personnel, assisted in evaluation and approval of parking reduction applications, and served as engineering liaison for Planning and Zoning Board meetings, managed enforcement actions for right of way enforcement policies through City Engineer's Office and through special magistrate process

- Coordinated and carried out all right of way and easement conveyances, bills of sale and final document recordings for utilities department related to new development (utility extensions, easement and right of way dedications as required through development reviews)

City of Fort Lauderdale

Project Engineer (January 1994 to January 1996)

- Supervised Engineering Services Section in the Utilities Department
- Assisted in planning and delivery of Utilities Department Water and Wastewater CIP
- Managed CCNA Consultant selection and contracts for CIP administration and delivery of projects with all design Consultants
- Completed critical projects resolving two regulatory consent orders - one for volatile organic compound (VOC) contamination in Biscayne aquifer and another for suspected migration of contaminants into the Underground Source of Drinking Water at G.T. Lohmeyer WWTP effluent disposal wells

Berry & Calvin, Inc.

Project Engineer (May 1989 to December 1993)

- Responsible for proposal preparation, master plan completion including computerized hydraulic modeling, project designs, permitting, bidding, and construction services for various water, wastewater, and storm water projects for various municipal clients
- Assisted with design of portions of specific treatment processes including filter rehabilitation, chlorine injection, and pH adjustment, wastewater influent and head-works facilities, activated sludge process treatment units, bio-solids dewatering facility, chlorine contact basins, effluent storage and disposal system and pumping stations
- Performed drainage basin analysis with Advanced Interconnected Pond Routing (ADiCPR) software in Dania Beach with associated options analysis and cost estimate

EDUCATION:

Master of Science Environmental Engineering, Florida International University, Miami, FL

Bachelor of Science in Civil Engineering, University of Florida

CERTIFICATIONS & TRAINING:

Florida Professional Engineer No. 47641

ICS 100, 200, 300, 700, & 800

Erosion and Sediment Control Plan Preparation

Advanced Traffic Control Plan Preparation

AFFILIATIONS:

Broward County Water Advisory Board (TAC member)

Water Environment Federation (WEF)

American Water Works Association (AWWA)