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KIMBERLY ORNBERG, PE

Education **University of Central Florida - BS Degree in Environmental Engineering 1992**
Graduated Cum Laude

Professional Engineer, Florida Registration #54701

Professional Experience **Seminole County Government, Sanford, Florida**
1997 – Present

Environmental Services Department

October 2022 – Present: Director

April 2022 – October 2022: Deputy Director/Interim Director

- Responsible for all aspects of the ES Department, including Solid Waste, Utility Operations, Utility Engineering, and Business Office Divisions
 - Provided stability and leadership to the department in a time of uncertainty
 - Demonstrated strong management and interpersonal skills with staff, leadership, development community, elected officials, environmental community, etc.
 - Improved communications, trust, and morale amongst all departmental staff
 - Successful in communicating departmental staff perspectives and needs with upper management, and conversely, upper management perspectives and objectives with departmental staff
 - Increased employee retention and successful hiring of critical staff
 - Handled ongoing employee and HR issues directly, methodically and successfully
 - Quickly learned all aspects of the utility and solid waste programs and associated enterprise funds
 - Analyzed departmental processes with staff to improve consistency and streamline processes across the department
 - Brought a fresh perspective to solving ongoing and new departmental challenges
 - Began developing and implementing short, intermediate and long-term goals for the department
 - Reinforced importance of safety and training of staff. Working with Safety and Training coordinator to identify needs, goals, tracking of activities, etc.
 - Successfully presented department budget to BCC
 - Reassessed and improved the development and implementation of the

Holistic Water Policy

Department of Public Works

2012 – April 2022: Division Manager, Watershed Management Division (WMD)

2000 – 2012: Principal Engineer (Supervisory) – Roads/Stormwater Division

1997 – 2000: Senior Engineer (Supervisory) – Stormwater Division

- More than 25 years of progressive responsibility and management from the initiation of the Water Quality Program to the creation of the Watershed Management Division, including the development and implementation of unique and cost-effective programs and projects, which benefit the county, as well as meet regulatory compliance requirements. This includes the following successful programs and projects:
 - Fertilizer Ordinance – Successfully adopted and implemented a science-based, cutting-edge, education focused ordinance. Successfully defended the proposed ordinance during public hearings which included strong opposition from industry representative, while garnering more public support. Developed an analysis of nutrient impacts to the county pre- and post-ordinance conditions, which demonstrated the aggregate improvements the ordinance would have on water resources.
 - Shoreline Ordinance – Successfully developed and adopted a proactive shoreline ordinance and permitting program to enhance water quality and protect aquatic ecosystems.
 - Water Quality – Integrated water chemistry and biological monitoring programs, which are considered model programs across the state and country.
 - Soldiers Creek Alum Facility – Managed the design, construction and operations of the surface water treatment facility, including numerous construction and operational challenges. Obtained capital and operational funding of the project from multiple agencies.
 - NPDES – Implemented the intergovernmental and multi-departmental permit compliance cooperative to pool resources and maximize effectiveness.
 - TMDL/BMAP (Total Maximum Daily Loads/Basin Management Action Plans) – Cooperative efforts with FDEP and other stakeholders (internal and external) to assess impairment status of individual waterbodies; to develop and implement long term improvement and protection plans.
 - Lake Management – Staff works cooperatively with MSBU to fund Aquatic Weed Control and Lake Restoration programs for private lakes, as well as with regulatory agencies and other local governments in the development of restoration strategies for impaired waterbodies.
 - SERV (Seminole Education, Restoration & Volunteer) – Highly successful volunteer and educational outreach program that continues to expand.
 - Intern/Training Program – Began hiring college students as interns over 20 years ago and developed a very successful intern program by mentoring and preparing the next generation of environmental scientists and engineers.
- Excellent written, oral and interpersonal communication skills. Considerable experience giving technical and non-technical presentations to a variety of audiences, including elected officials, engineering and scientific groups, HOAs, staff, and students. Develops and directs a diverse staff including interns, field and operations staff, technicians, administrative staff, scientific and highly technical professional staff.

- Extensive knowledge of Seminole County structure, processes, and procedures including budget development and tracking, procurement, human resources, Board of County Commissioners meetings and agendas, advisory boards, departments, key personnel, etc.
- Provides expertise in the assessment and review of local, state and federal legislation and regulations related to water and other environmental issues.
- Extensive experience in the management of capital improvement projects and restoration projects, from inception (data collection and analysis) to design and permitting to construction to operation and monitoring.
- Extensive experience in the preparation and oversight of detailed annual budget for the WMD, including Mosquito Control, Lake Management, and Water Quality Programs. Proven ability to continually reassess operations and staffing resources to improve efficiencies while reducing costs. Conducts detailed cost analyses of potential structural and nonstructural projects to determine the most cost effective. Helped to develop stormwater and water quality CIPs funded by sales tax. Assisted in the successful marketing of the 3rd generation Sales Tax.
- Identified and leveraged numerous revenue sources including long term cost shares from other local governments and grants from various state and federal agencies in order to meet regulatory compliance, while reducing/minimizing impacts to the General Fund. Cost shares and grants include:
 - Little Wekiva River Restoration – successfully obtained federal, state and regional funding for the multijurisdictional, highly sensitive, high profile restoration project
 - Seminole Water Atlas – cooperatively funded by 7 cities and FDOT
 - Florida Yards & Neighborhoods Program – cooperatively funded 7 cities and Environmental Services Department
 - Award Winning Educational Public Service Announcements (PSAs) – cooperatively funded by 7 cities, Environmental Services Department, Orange and Volusia Counties, City of Maitland, City of Orlando, FDEP
 - Water Quality Monitoring Services – provided to and paid for by 5 cities for regulatory compliance
 - Numerous FDEP grants, including the Black Hammock Restoration Grant (\$2 million), Lake Jesup Shoreline Restoration, etc.
 - EPA EMPACT grant – provided funding for the expansion of the Watershed Atlas and the enhancement of integrated monitoring program
 - Florida Fish and Wildlife Conservation Commission (FWC) Grant - funding for Lake Jesup Shoreline Restoration Projects
 - Florida Lake Management Society (FLMS) Love Your Lake Grants
 - Various SJRWMD Cost Share Grants
- Conducted reviews of design and construction projects, as well as onsite inspections; inspection of maintenance projects and activities; and assessments of the effectiveness of structural and nonstructural BMPs (Best Management Practices).
- Established relationships with internal/external staff and elected officials, as well as with key residents, business owners, homeowner, lake front associations, local utility/public works staff and regulatory agency staff. Routinely coordinates efforts across division, departmental and jurisdictional boundaries in order to achieve desired goals in an

efficient and effective manner.

- Served on numerous multi-jurisdictional, local, regional and statewide boards and technical advisory committees:
 - Joint City-County Advisory Committee, Stormwater TAC Chair
 - Tasked with identifying opportunities for collaboration and cooperation of stormwater and water quality regulatory compliance programs with the 7 cities. Successes included:
 - The development and implementation of the Countywide Mosquito Control Program
 - TMDL Interlocal Agreement, which streamlined the process of cost sharing and coordination on projects and programs among the cities and county
- Statewide Stormwater Rule TAC, FDEP Secretarial Appointee (representing county government and FAC) in 2010 and again in 2021
- Seminole County representative on FDEP Lake Jesup, Middle St. Johns River (Harney/Monroe) and Wekiva BMAP Committees
- Seminole County representative designee for St. Johns River Alliance
- Past President of Florida Stormwater Association (FSA)
- FSA Educational Foundation Chair
- UCF Stormwater Academy Board of Directors

Parsons Engineering Science, Inc., Orlando, Florida

Staff Environmental Engineer/Project Manager

1994 - 1997

- Wastewater Treatment Plant Design and Permitting – various locations.
- Project Manager for various projects, which included surface and groundwater modeling, design, permitting, and construction oversight of water, stormwater, and wetland mitigation systems.
- Assisted in biological assessments for both Florida Department of Transportation (FDOT) and private clients.
- Management of several government projects for RCRA installations (Cape Canaveral Air Station and Patrick Air Force Base). Projects included groundwater and surface water contamination identification and mapping, development of clean up strategies and processes, and confirmation monitoring and tracking.

Florida Department of Transportation, District 5, DeLand, Florida

Drainage Engineer

1992 - 1994

- Primarily involved in the design and permitting of drainage and stormwater systems for state roadway projects. The treatment systems designed and modeled included French drains, underdrains, storm sewer systems, ditch block retention systems, erosion and sediment controls and retention ponds. Each system design included the use of DOT software for ditch designs and capacities, spread calculations, inlet capacities, cross drain analyses, AdICPR (surface water routing model) and MODRET (infiltration and groundwater model). Additional work included completion of permit applications,

development of design documentation, and wetland delineation and mitigation.

Professional Affiliations & Activities

Professional Engineer, Florida Registration # 54701.

Florida Stormwater Association (FSA) – Past President; FSA Education Foundation Chair; Past Education Committee Chair; Legislative Committee member; presentations given at several annual conferences.

American Society of Civil Engineers – Member; Presentations given at Central Florida Water Resources Seminars.

State of Florida Statewide Stormwater Treatment Rule Technical Advisory Committee – FDEP Secretary appointee (representative of county government/FAC); 2010 and 2021.

Florida Stormwater Academy (UCF) – Board of Directors and liaison to Florida Stormwater Association

American Water Works Association – member; presentations given at Central Florida Chapter seminars.

Florida Lake Management Society/CFLMS – Technical Committee Chairman (CFLMS); presentations given at annual FLMS Conferences.

North American Lake Management Society (NALMS) – Presented at 1999 NALMS meeting.

National Society of Professional Engineers/Florida Engineering Society – Project Create Volunteer.