

ANDREW TILTON, P.E.

Director of
Water Resources



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863.612.4055

Years Experience

41 years

Education/Training

M.E. Hydraulics (1983),
University of Florida

B.S. Civil Engineering (1978),
University of Florida

Licensing & Registration

Florida Professional Engineer,
License No. 33258

Professional Affiliations

National Society of
Professional Engineers

Florida Engineering Society

American Water
Resources Association

Andy joined Johnson Engineering in 1978 and is the director of the Water Resources Group. He is the office manager for the LaBelle office. Andy is currently providing quality control on the projects under design and permitting for the Bluehead Town of Fort Myers Beach and recently completed engineering design of the Jack's Branch Mitigation Bank.

Andy was District Engineer for Babcock Ranch Community Independent Special District and has been the engineer of record for several districts, which are special governments under the laws of the State of Florida. Work within the districts includes annual inspections of water management facilities for the annual report required under Chapters 189, 190 and 298 Regulations and annual certifications as required by the Water Management District permit. Experience with these special governments is very similar to working for a city or county.

Andy has served as the senior engineer for surface water on many of the firm's projects related to storm water master plans. He provides direction for monitoring, permitting, design and construction related issues. Surface Water Master Plans include ones for Lee County, City of Fort Myers, City of Sanibel, Charlotte County and Glades County. The Charlotte County Master Plan work has led to the improvement of more than a dozen structures designed to reduce flooding and roadway overtopping. The more recent CLOMR in Charlotte County set elevations for new construction and allows the establishment of lower insurance costs.

Andy managed construction review and payments for the first year of construction for the Babcock Ranch Community. The first phase of site work is over \$13 million with the water treatment plant and wastewater treatment plant being additional and managed by others. Each part of the project has to be reviewed in accordance with the documents that created the financing as well as following the permits and good engineering practice.

Watershed master plan experience includes production of floodplain and floodway models that meet FEMA requirements. These have been done for private entities and for governmental bodies.

Relevant Experience

- ↪ Helms Road Extension, Hendry County
- ↪ CR78, Hendry County
- ↪ Airport-Sears MSBU Watershed Study, Hendry County
- ↪ Drainage component for ten sidewalk projects in Hendry County
- ↪ Glades County Surface Water Master Plan, Glades County
- ↪ Babcock Ranch Community Comprehensive Plan Amendment, Charlotte County
- ↪ South LaBelle Village Comprehensive Plan Amendment, Hendry County
- ↪ South Lee County Watershed Plan, SFWMD, Lee/Collier/Hendry Counties
- ↪ Watershed Management Plan, 2015-2016, City of Sanibel, Lee County
- ↪ Trout Creek CLOMR, 2011-2013, Charlotte County
- ↪ Lee County Surface Water Master Plan, 1990, 1991, 1992 & 1997, Lee County
- ↪ Collier County, Gateway Triangle, Collier County
- ↪ Water Management Study Cecil M. Webb Wildlife Management Area, Florida Wildlife Commission
- ↪ Powell Creek Filter Marsh, Lee County
- ↪ Downtown Redevelopment, City of Fort Myers, Lee County
- ↪ Ten Mile Canal Filter Marsh Phase 2, Lee County
- ↪ Charlotte County Storm Water Master Plan – Phase II, Charlotte County
- ↪ Greater Port Charlotte Storm Structures, Charlotte County
- ↪ Basin III, Phase 2 Drainage Improvements for City of Fort Myers, Lee County