



James P. Guida, P.G.

Principal



### Professional Credentials

Professional Geology License No. 1339

### Areas of Expertise

Project Management • Water Management District Regulatory Permitting, Compliance and Policy • Development and Management of Sustainable Water Supplies • Groundwater Hydrology • Demand Management and Water Conservation

### Education

B.S., Geology, University of South Florida, 1985

## Project Experience

**OVERVIEW** – James P. Guida, P.G. has extensive experience in hydrogeology and hydrology, regional and local water supply development and planning, water resource management, and water conservation in both the public and private sectors. He is experienced in water resource consulting and has over 30 years of Florida Water Management District-related regulatory experience including the areas of Water/Consumptive Use Permitting (WUP), Well Construction Permitting (WCP), Minimum Flows and Levels (MFLs), and Environmental Resource Permitting and Sovereign Submerged Lands (ERP/SSL). Mr. Guida is the former Director of the Sarasota Service Office of the Southwest Florida Water Management District (SWFWMD), a position he held for 11 years from 1995 – 2006. In this senior management capacity, Mr. Guida directed all regulatory permitting, compliance and enforcement activities of a team of Program Managers, Hydrologists, Engineers, Environmental Scientists, Field Technicians and Administrative professional staff. His office's responsibility covered the regional four-county area of Manatee, Sarasota, Charlotte, and DeSoto Counties.

Mr. Guida has extensive experience in interpretation and application of Florida Water law and policy, efficient use of water resources, and methods to assure environmentally and hydrologically sustainable water resource and supply development. He has been extensively involved with regulatory strategy, rule development and implementation across the entire SWFWMD, including, but not limited to, the Southern Water Use Caution Area (SWUCA) and Northern Tampa Bay areas, as well as the Central Florida Coordination Area. He also has broad experience in working with water supply authorities including Tampa Bay Water, Peace River Manasota Regional Water Supply Authority

(PRMRWSA), and their local governments. He has served as an expert witness as a hydrogeologist and water management regulation expert in cases such as the SWUCA WUP rule challenge and the Northern Tampa Bay Wellfield(s) cases. Mr. Guida's educational background in the geologic sciences placed particular focus on hydrogeology, numerical groundwater flow modeling, and surface and borehole geophysics.

### **Water Supply**

Mr. Guida has extensive knowledge and experience in water supply investigation, analysis, development and management, as well as permitting, compliance, and enforcement of WUP/CUP/ and WCP rules. His efforts have included well construction design, including identification of productive water bearing aquifer units; surface water supply assessment; ground and surface water quality suitability assessment; wellfield management and design; numeric groundwater flow modeling for identification of reasonable water use quantities for a broad array of water use types including Public Supply, Agriculture, and Recreational-Aesthetic irrigation water uses, identification of water conservation opportunities, water use efficiency, and use of non-traditional alternative water supplies such as reclaimed wastewater and stormwater reuse; and compliance with Water Management District rule criteria and State Water Policy.

### **Water Use/Consumptive Use and ERP/SSL Representation**

Mr. Guida's experience in overseeing all regulatory programs in the SWFWMD's Sarasota Service Office, and extensive involvement in a broad array of complex and comprehensive water management issues, provide him an exceptional skill set in representing clients in their pursuit

of permits and assurance of compliance with water management regulatory professionals, Executive staffs, and Governing Boards. His knowledge of all Water Management District regulatory water resource-related programs provides him with the understanding of how to integrate the regulatory, scientific, and water policy aspects of a vast array of water resource projects in order to achieve clients' water resource goals in an efficient, sustainable manner.

#### **Identification of Cooperative Funding Opportunities**

Mr. Guida has been involved with identification of and recommendations for cooperative funding to the staff and Basin and Governing Boards of the SWFWMD for both the public and private sectors. These include SWFWMD's Cooperative Funding programs and Facilitating Agricultural Resource Management Systems (FARMS) programs. The advent of Florida Senate Bill 444 now provides additional new opportunities throughout the state for cooperative funding of innovative alternative water resource projects which PWR will be identifying for clients.

**Director, Sarasota SWFWMD Office – Water Use Permitting and Compliance** - While Director of the Sarasota SWFWMD office, Mr. Guida's responsibilities included direct technical, scientific, and regulatory assessment of over one thousand WUPs including, but not limited to: Peace River Manasota Regional Water Supply Authority's (PRMRWSA) Peace River withdrawal, off-stream reservoir, Aquifer Storage Recovery (ASR) Wellfield, and Facilitator of the related Scientific (Hydro-Biological Monitoring) Peer Review Panel; Sarasota County's Carlton, University, and VGU Wellfields; Manatee County's Manatee River Reservoir and East County Wellfield and ASR; City of Venice's RO Wellfields; City of Sarasota's RO and Verna Wellfields; City of North Port's Myakkahatchee Creek/Cocoplum Waterway and ASR; City of Bradenton Reservoir; City of Punta Gorda Reservoir and ASR; Charlotte County Utilities Burnt Store Wellfield; DeSoto County Wellfields; City of Tampa's Hillsborough and Northwest Hillsborough Wellfields, St. Petersburg's Section 21, Cosme-Odesa, and South Pasco Wellfields, Pinellas County's Eldridge Wilde and East Lake Wellfields; City of Tarpon Springs; City of Dunedin; Florida Power and Light's (FP&L) Parrish power plant; Competitive Power Ventures (CPV); Upper Myakka Watershed/Flatford Swamp (Harloff, Faulkner, Pacific Tomatoes, etc.); Schroeder-Manatee Ranch/Lakewood Ranch; Thomas Ranch/Fourth Quarter

Properties; Hunter's Green; Shell, Prairie, and Joshue Creek; Piney Point Phosphates compliance; lime rock operations such as Dixie Lime and Stone; numerous recreational-aesthetic, lawn-landscape, golf course and borrow pits; and hundreds of Agricultural projects (citrus, strawberries, row crops, etc.), including some of the largest agricultural operations within the SWFWMD. Mr. Guida acted as liaison between West Coast Regional Water Supply Authority (now Tampa Bay Water) and the SWFWMD, and PRMRWSA and the SWFWMD.

**Director, Sarasota SWFWMD Office – ERP/SSL Permitting and Compliance** - As Director of the Sarasota SWFWMD office, Mr. Guida was responsible for thousands of ERP's including residential-commercial, transportation, mining, utilities infrastructure, and agricultural land uses. Projects have included Lakewood Ranch/Schroeder-Manatee Ranch; Thomas Ranch; Palmer Ranch; Neal Communities; Benderson Development Company; River Wilderness ERP/Sovereign Lands project (including assistance with appearance before Governor and Cabinet, DEP Secretary, and Cabinet Aides); Wading Bird/Heritage Harbour ERP/SSL (including assistance with appearance before Governor and Cabinet, DEP Secretary, and Cabinet Aides); PRMRWSA; Sarasota County's Celery Fields and flood retrofit projects, agricultural projects such as Faulkner Farms and Pacific Tomato Growers; and numerous Manatee County Rapid Response (fast-track permitting) ERPs and Sarasota Means Action Response Team (SMART – fast-track permitting) ERPs.

**Director, Sarasota SWFWMD Office – Appearances Before Elected Officials/Governing Board** - While Director, Mr. Guida appeared monthly before the SWFWMD's Governing Board to explain and support proposed permitting and compliance actions. He also made presentations to Basin Boards and spoke before Legislators and their aides, County and City Commissions, professional organizations, citizens and special interest groups, and ERP and Developer Advisory Groups. He developed close working relationships with elected officials, local County and City government administrators and staff, Governing and Basin Board members, PRMRWSA and Member Governments, Chambers of Commerce and Economic Development groups, developers and consultants, the media, attorneys, agricultural associations such as Florida Farm Bureau, Peace River Valley Citrus Growers Association, the

Department of Agriculture and Consumer Services, and the Florida Department of Environmental Protection.

**Water Resource Consulting** - Since his transition to the private sector, Mr. Guida has worked with public and private sector clients to implement progressive approaches to water supply development and watershed management. He has worked with the PRMRWSA on a variety of projects including: pursuit and issuance of a consolidated WUP for several regionally-integrated water supply sources; development of a Facilities Management Plan for regional supply sources; an evaluation of regional water conservation practices; and an assessment of the feasibility of developing rotational/conjunctive groundwater resources within the SWUCA. Mr. Guida has also worked to obtain a renewal of the City of Bartow's WUP within the immediate vicinity of the Upper Peace River (and its MFL) in Polk County, and to obtain a 20-year WUP renewal for the City of Venice's brackish groundwater wellfield in Sarasota County within the SWUCA. He has also worked closely with various private entities to develop a sustainable approach to water supply, including water conservation and alternative water supply planning. Private entities he has assisted include large-scale residential-commercial developments, power generators, and agricultural operations. Mr. Guida has also assisted clients in the water resource aspects of a Conceptual Plan Overlay/Detailed Sector Plan, Developments of Regional Impact, zoning changes, amendments to Comprehensive Plans, and with Water Supply Facility Work Plans required by the land-water linkage requirements of local government comprehensive plans. He applies his expertise in ERP regulation to assist his clients on stormwater management, wetland issues, and sovereign submerged lands. He has also assisted in facilitating dialogue and project development between the SWFWMD, SJRWMD and the SFWMD, his clients, and affected parties.