



## **Progressive Water Resources**

*Integrated Water Resource Consultants*

### **James P. Guida, P.G.** **Managing Partner**

#### **OVERVIEW**

Jim Guida, P.G., has extensive experience in hydrogeology and hydrology, water supply development, water resource management, and water conservation. He is experienced in water resource consulting, and has over 21 years of Florida Water Management District regulatory experience including the areas of Water/Consumptive Use Permitting (WUP), Well Construction Permitting (WCP), 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 professional capacity, Mr. Guida oversaw all permitting, compliance and enforcement activities of a diverse staff of ERP/SSL/WUP/WCP 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, and has broad experience in working with water supply authorities including Tampa Bay Water, Peace River Manasota Regional Water Supply Authority, 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. Mr. Guida has a B.S. degree in geology from the University of South Florida and is a registered Professional Geologist in the State of Florida.

**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 well withdrawal impacts upon environmental systems, existing legal water users, and Minimum Flows and Levels; 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.

## **RELEVANT EXPERIENCE**

### **Director, Sarasota SWFWMD Office - Water Use Permitting and Compliance**

While Director of the Sarasota SWFWMD office, Mr. Guida 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 and 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 River Reservoir; Tampa Bay's Water's (TBW) Tampa Bypass Canal, Northeast Brandon, South Central Hillsborough and Northwest Hillsborough Wellfields, St. Petersburg's Section 21, Cosme-Odessa, 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, Falkner, Pacific Tomatoes, etc.); Schroeder-Manatee Ranch/Lakewood Ranch; Thomas Ranch/Fourth Quarter Properties; Hunter's Green; Shell, Prairie and Joshua 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. Acted as liaison between West Coast Regional Water Supply Authority (now TBW) and the SWFWMD, and PRMRWSA and the SWFWMD.

### **Director, Sarasota SWFWMD Office - ERP/SSL Permitting and Compliance**

While 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 has 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 Falkner 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 Boards**

While Director of the Sarasota SWFWMD office, 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 staffs, Governing and Basin Board members, PRMRWSA and Members 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, and the Department of Agriculture and Consumer Services, and the Florida Department of Environmental Protection