



COMPANY PROFILE

Established: 1995
State of Incorporation: Florida
Socioeconomic:
Small Business
SBA Certified 8(a) Firm
SBA Certified SDB
State of FL Certified MBE
FDOT Certified DBE
SFWMD Certified SBE
Orange County Certified MBE
City of Orlando Certified MBE

Listed with: CCR, ORCA
DUNS: 92-784-6691
SIC: 8711
NAICS: 541330, 541620,
562910, 541360
CAGE/NCAGE: 3FGB7
GSA Contract Number:
GS-10F-0349T
Federal Supply Schedule 899

BUSINESS LICENSE

Engineering: EB 7212 (FL)
Geology: GB 395 (FL)

OFFICE LOCATIONS

Corporate: Orlando Headquarters:
6925 Lake Ellenor Drive, Suite 112
Orlando, FL 32809
407-851-5020 (phone)
407-857-3154 (facsimile)
www.bpcgi.com

Branch: West Palm Beach:
1201 Belvedere Road, Suite B
West Palm Beach, FL 33405
561-514-3011 (phone)
561-514-3061 (facsimile)

“BPC Group is open to establishing additional project offices where the project duration and scope warrants that consideration to meet our clients’ changing needs.”

BPC GROUP INC.

...WHERE QUALITY AND COMMITMENT ARE PRIORITIES

MISSION STATEMENT

To help our clients creatively, professionally, and responsibly address the technical and management challenges before them in a cost-effective and timely manner.

In support of our mission statement, we are committed to: Conduct our business according to our client’s need; Attract and retain independent thinking professionals that it takes to discover solutions that will yield significant savings in time, turmoil, and dollars; and Provide cost-effective and quality services for each assignment ... no matter how large or small.

SERVICES AND EXPERIENCE

At BPC Group, quality and commitment are priorities. At every step of the way, we emphasize on client satisfaction. We look out for the best interests of our clients to ensure that jobs are completed in a timely fashion while providing the most cost-effective solutions. We are committed to seeing a job through to completion.

BPC Group and its professionals have historically worked for private and public sector clients on projects located throughout the nation, where engineering design, evaluation, and management play a large part of the scope of services. The combination of technical knowledge, experience, and state-of-the-art resource capabilities enable us to provide comprehensive environmental and engineering expertise in all specialty areas of civil engineering.

Our clients attest to the quality and responsiveness of our services by repeatedly entrusting us with some of their most challenging environmental projects. [In every project, we:](#)

Deploy highly skilled professionals. BPC Group employs highly competent professionals, including engineers, geologists, hydrologists, ecologists, environmental and computer scientists, among others.

SERVICE AREAS

- ◆ **Civil Engineering**
- ◆ **Construction Engineering and Inspection**
- ◆ **Environmental Engineering and Science**
- ◆ **Geotechnical Engineering**
- ◆ **GIS, Modeling, and Information Technology**
- ◆ **Planning and Transportation**
- ◆ **Water Resources and Water Supply**

BPC CLIENTELE

Following is a partial list of clients that BPC Group has provided services in the past.

State and Local Government Agency:

- ◆ South Florida Water Management District
- ◆ St Johns River Water Management District
- ◆ County Governments - Orange, Lake, Seminole, Palm Beach
- ◆ City Governments - Orlando, Longwood, Oviedo, Eustis

Utilities and Private Industry:

- ◆ Orlando Utilities Commission
- ◆ Southern Power Company
- ◆ Florida Power & Light
- ◆ Nestle USA (food processing)
- ◆ Axon Circuit (electronic)
- ◆ Dawson Consumer Products (textile)

Other A/E Firms:

- ◆ Brown and Caldwell
- ◆ Camp Dresser & McKee
- ◆ CSA Group
- ◆ Dyer, Riddle, Mills & Precourt
- ◆ Parson Brinckerhoff
- ◆ SDI Environmental
- ◆ TEK Science & Engineering
- ◆ Universal Engineering & Science
- ◆ UNT Consulting
- ◆ Water Resource Solutions

Communicate effectively with our clients. At the outset of each project, BPC Group asks incisive questions of our clients, to ensure that we understand all project objectives. We continue to communicate closely with our clients throughout each project. We actively seek input from our clients, and we ensure that they always have up-to-date information on the technical and financial status of each project. When issues arise—for example, if initial analysis of field samples yield results that are well out of the anticipated range—we immediately inform our clients, and work closely with them to develop appropriate mid-course adjustments to project plans.

BPC Group prides itself on the substantive and editorial quality of our written products and in presenting formal and informal briefings that succinctly and clearly transmit complex information.

Equip our professionals with advanced information technology tools. BPC Group maintains the latest in computer facilities for engineering design, data analysis, and graphics design and display. BPC Group's computer code library contains more than 50 software programs. They cover a broad range of specialty fields, including most commonly used hydraulics, hydrologic, water quality, environmental, geotechnical, hydrogeologic, statistical, geostatistical, and management models. BPC Group also maintains the latest versions of other software package, such as word processing, spreadsheets, drafting and graphics, CADD, GIS, communications, databases, scientific language compilers, and other editing and information management systems.

Apply rigorous Quality Assurance and Quality Control (QA/QC). BPC Group follows a proven QA/QC program with appropriate procedures in place to control investigative, engineering, design, and remediation activities. BPC Group's task leaders have experience with all applicable standards of governmental and regulatory agencies including state and federal organizations.

Stay on time and within budget. BPC Group places a priority on completing projects on schedule and within the established budget, and looks for a ways to reduce costs throughout the life of a project. As a measure of success, BPC Group has never asked for a cost overrun in the history of the company.

Meet all administrative obligations. Under government contracts, it is essential to meet all administrative and contractual obligations. We prepare high quality, clear progress reports and invoices on a timely basis. We meet all special reporting requirements, such as breaking out some costs by sub-project or sub-task. Our government clients know that they can trust us to get the project done right, on time, and within budget while simultaneously adhering to the special requirements inherent in government contracts.



EXAMPLE PROJECTS

- ◆ Interagency Modeling Center (IMC), Everglades Restoration Subregional Modeling Support Services, SFWMD-IMC
- ◆ C-51 Basin Rule Re-Evaluation Study, SFWMD
- ◆ Hydrogeological Evaluation for Design of an Optimal Ground Water Recovery System, Plant City
- ◆ Transitional Flow Rating at Inland Gated Spillways, SFWMD
- ◆ Stormwater Master Plan for the Big Econlockhatchee River Basin, Orange County
- ◆ Boggy Creek Channel Assessment, Orange County
- ◆ Nashville Avenue Drainwell Stormwater Management Plan, Orange County
- ◆ Lamb Island Tributary Stormwater Treatment System, SFWMD
- ◆ Lake Holden Terrace Stormwater Management System Improvement, Orange County EPD
- ◆ Western Hillsboro Canal Water Quality Monitoring Program, SFWMD
- ◆ Assessment of Pollution Sources in Newnan's Lake, SJRWMD
- ◆ La Lechuzza Caracas Equestrian & Polo Facilities, Wellington
- ◆ NPDES Permitting and Compliance Management for various Substation, Distribution/Transmission Systems, Orlando Utilities Commission
- ◆ Permitting and Litigation Support, FP&L Marlin Substation

WATER RESOURCES AND WATER SUPPLY SERVICES

BPC Group has extensive experience in providing a broad spectrum of environmental, water resources, and water supply services to a myriad of governmental (local, state, and Federal) and private industry entities. The completed projects encompass integrated surface and ground water management, hydrologic and hydraulic modeling, stormwater management, floodplain analyses, watershed assessment, flood control management, environmental restoration, water quality monitoring, water supply and hydrogeological characterization, and application of statistics, geostatistics and GIS to environmental and water resources, amongst others. We have extensive knowledge and experience of the Everglades Restoration Program and the CERP projects. Based on our current experience and expertise in projects relevant to water resources and water supply services, a brief summary of our capabilities is given below.

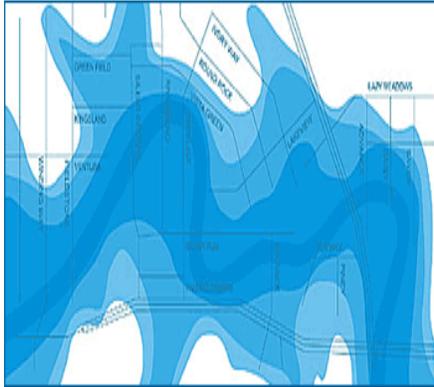
Permitting and Management

BPC has an outstanding track record in obtaining permits in record time from the SFWMD, SJRWMD, and FDEP. This success was primarily based on our technical expertise and professional integrity. BPC personnel have assisted clients with the investigations and studies necessary for obtaining environmental permits and development of EIS to comply with NEPA requirements. We are also knowledgeable and experienced in obtaining Section 1501 and 1502 permits from DEP, Section 404 permits from the USACOE, NPDES and other approvals from the FDEP/EPA, Land Use approvals from the U.S. Department of the Interior, as well as many local and municipal approvals.

- ◆ Consumptive Use
- ◆ Water Resources Evaluation
- ◆ Water Supply Needs Assessment
- ◆ Water Supply System Design and Evaluation
- ◆ Non-Point Source Pollution Control
- ◆ Water Quality and TMDL Evaluation
- ◆ Stormwater Management and BMP Evaluation
- ◆ CWA and NPDES Permitting

Flood Control & Environmental Restoration

BPC has extensive experience in providing comprehensive flood control and environmental restoration services to local and state agencies in Florida, which include detailed analyses and design for treatment (STAs, wetlands, BMPs), conveyance and storage systems (reservoirs and canals), and control structures (culverts, weirs, and operational gates). We have completed full FEMA Flood Insurance Studies including floodplain mapping, map revisions and amendments. BPC staff has served as the FEMA-NFIP consultant program manager with direct NFIP oversight of a five state region (Region 6).



- ◆ FEMA Flood Insurance Study for Lake Notasulga, Rock Lake, and Texas Lake, City of Orlando
- ◆ FEMA National Flood Insurance Program Management, Region 6 (Texas, Arkansas, Louisiana, Oklahoma and New Mexico)
- ◆ Community Flood Insurance Study, Harris County
- ◆ Quality Assurance for Land Use/Land Cover Mapping, SFWMD
- ◆ Grid Cell Mapping of SAV in Biscayne Bay, SFWMD

CONTACTS FOR FURTHER INFORMATION

President: Bijay K. Panigrahi
Ph.D., P.E., P.G., D.WRE
407-851-5020 Ext 302
321-663-6886 (mobile)
407-857-3154 (facsimile)
bpanigrahi@bpcgi.com
bpcrfp@bpcgi.com

Vice President: Andre A. Cadogan, P.E.
561-514-3011
561-420-9601 (mobile)
561-514-3061 (facsimile)
acadogan@bpcgi.com
bpcrfp@bpcgi.com

- ◆ Reservoir and Canal Design and Analysis
- ◆ Dam Breach Analysis
- ◆ Floodplain Analysis and Mapping
- ◆ FEMA Flood Insurance Rating Map & DFIRM
- ◆ Stormwater Treatment Area Design and Evaluation
- ◆ Wetland Restoration and Reconstruction
- ◆ Water Control Structure Design
- ◆ Erosion and Sediment Control

Hydrologic, Hydraulics, and Water Quality Modeling

BPC professionals have decades of experience in developing and implementing a diversified array of analytical and numerical models for environmental and water resources projects. We have unparalleled state-of-the-art computing facilities with latest hardware technology and most recent engineering and support software packages. Our software library includes, but is not limited to, AutoCAD, MicroStation, Complete set of ArcGIS modules, MS Office, Oracle, and more than 50 engineering application software packages that encompasses water resources, geotechnical, and environmental engineering specialty areas.

- ◆ Rainfall-Runoff Analysis
- ◆ Watershed, Stormwater, and Water Quality
- ◆ Pipe Network Analysis
- ◆ Integrated Ground water and Surface Water
- ◆ Ground Water Flow and Contaminant Transport
- ◆ Monitoring Network Design
- ◆ Hydrogeological and Water Supply Wellfield Analysis
- ◆ Ecological and Natural Systems

GIS and Other Services

At BPC Group, almost all our projects are currently performed on ArcGIS environment. We have extensive experience in developing geodatabase for water resources and environmental projects for state and local agencies in Florida. BPC Group professionals have performed statistical and geostatistical evaluations to design and refine water quality monitoring network, BMP performance evaluation, and basin rule development for state agencies in Florida. C-51 Basin Rule Reevaluation, EAA Watershed Data Evaluation, C-139 Basin Rule Criteria, and Feeder Canal Basin Data Evaluation are some of the example projects completed for the SFWMD.

- ◆ Geodatabase Development and ArcHydro
- ◆ GIS Applications & Interface Development
- ◆ Construction Monitoring & Performance Evaluation
- ◆ Statistical and Geostatistical Evaluations
- ◆ Value Engineering and QA/QC Support
- ◆ Cost Estimates and Bid Specifications
- ◆ Peer Review and Expert Testimony
- ◆ Hydrogeological and Water Supply Wellfield Analysis