

# Andrew Burg, PE

*Project Developer, Owner Representative, Civil / Environmental Engineer, Construction / Project Manager*  
7498 SW 196<sup>th</sup> Ave. Road, Dunnellon, FL 34432 \* 352.462.4446 \* andrew@andrewburg.com \* Skype AndrewBurgBaja

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## **OBJECTIVE**

I want to build stuff. Big stuff. To work as a project owner or contractor, developing and building renewable, green-energy projects. Enjoying travel and new cultural experiences, I am available for relocation and am available immediately.

## **SUMMARY**

During the past 25 years, I have developed a solid reputation providing creative solutions to environmental and infrastructure needs --- combining technical know-how with *out-of-the-box thinking* to meet challenges while resolving engineering / construction / funding problems. Strong visualization, organizational, leadership and consensus-building skills. Excellent oral, written and presentation abilities adaptable to various industries and project types. Accomplished negotiator that was solely responsible for creating working relationships with government officials that **secured grants of \$7+ million**. Typically entrusted with **resolving the "unusual" elements of a project**. Created two of my own businesses.

## **PROJECT DEVELOPMENT, MANAGEMENT & PLANNING (EGAPS PLLC / SELF-EMPLOYED)**

**Consultant (2004 – 2012) North Carolina, Washington, California**

Coupling the last 10 years of environmental work with 15 years of land development work, I formed my own firm to assist private and municipal clients by focusing on the key elements for successful projects --- **funding, permitting, land owner agreements, public relations and solid pre-engineering concepts** --- to envision / create / develop / fund projects for clients: stream & wetland restoration projects for municipal clients and low-impact, environmentally-sustainable land development projects for private clients. Additional non-technical consulting includes business coaching, process improvement and strategic marketing using financial tools such as Quickbooks and website development, assisting business owners be more productive and successful. *Client references and work samples gladly provided upon request.*

## **PROGRAM DEVELOPER, PROJECT ENGINEER / OWNER**

**Mecklenburg County Storm Water Services, Charlotte, North Carolina (1997 – 2004)**

As a manager of capital projects and demolition services, flood hazard mitigation and environmental restoration efforts came together in the form of numerous riparian corridor projects (\$1-2 million typical) --- I coined the phrase "Little Sugar Creek Environmental Restoration Initiative" valued at approximately \$50 million to tie together a series of inter-agency projects as a sales tool to secure grant funding. Re-engineered and integrated my civil engineering skills with "green" techniques to construct "living, breathing, evolving" systems rather than stagnant, mono-discipline projects. Rather than working with architects, planners and other "traditional" allies, I learned to work with geomorphologists, biologists, fisheries experts, botanists, floodplain managers.

Comprehensive water resources planning using turnkey management included project development, economic feasibility analysis, hazard mitigation studies, prioritizing sites using geo-spatial software tools, managing design consultants & construction contractors, permitting (Corps, NEPA, SEPA, SWPPP) and long-term maintenance and monitoring. Emphasis on public relations and creating educational materials and raising capital from state and federal grants.

## **PROJECT ENGINEER / MANAGER**

**Various Public Agencies & Private Firms, Southern California & North Carolina (1981 - 1997)**

After graduation, became a staff engineer for the **Los Angeles County Department of Public Works** in the mountain road design section. Then worked as a field engineer in high-rise construction before working as design consultant --- both land development and municipal projects --- in Southern California for several companies including **Perini & Boyle Engineering**. After moving to Charlotte, I worked as a project manager on land development, transportation and storm water projects for **Espey-Huston (PBS&J)**, including two large drainage projects for **Charlotte Storm Water Services**.

## **NOTABLE ACCOMPLISHMENTS**

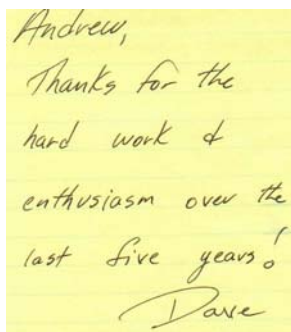
During 7 years of applying for public-sector grants, negotiating and executing contract agreements, I have a nearly 100% success rate in securing \$7 million, in many cases being awarded 90%± of the requested amount.

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74998 Country Club Drive #220, Palm Desert, CA 92260 \* 714.381.6272 \* 619.534.6445 \* andrew@andrewburg.com \* Skype AndrewBurgBaja

## TESTIMONIALS



Dave Canaan, Director  
Mecklenburg County Water & Land Resources Division

*"Andrew displays exemplary performance in his efforts to market our program to various groups, both public and private. Because of his efforts, we were able to receive substantial outside funding."*

Joe Aug, Mecklenburg County Land Use and Environmental Services Agency

### Office of the President / OMB

*"... happy that you were able to give us such a thorough tour on such short notice ... fortunate that I was able to attend your presentation ... thanks also for the follow-up ..."*

Erin McCartney & Barbara Johnson, Program Examiners

*Additional unsolicited endorsements gladly provided upon request.*

## EDUCATION

- **Lehigh University**, Bethlehem, PA: BS Civil Engineer (water resources, transportation, land surveying, civil)
- **Bellingham Technical College**: project management PMP-preparation, MS Project, MS Visio
- **NCSU**: classes / seminars in geomorphology, botany, biology, flood hazard mitigation, permitting
- **Pasadena City College**: Spanish, photography, law courses (contract, journalism, constitutional, trademarks)
- **Self-Study & CEU/PDH (on-going)**: renewable energy --- wind, solar, geothermal, tidal

## SOFTWARE

- **EXPERT**: QuickBooks, MS Excel, MS PowerPoint, FrontPage, PC organization / backup
- **ADVANCED**: Google Earth, MS Word, Adobe Acrobat, MS Visio, website analytics
- **INTERMEDIATE**: MS Project, CorelDraw, Thunderbird, FTP, Firefox, Chrome, Opera, MS IE, Safari, Resource POS
- **BASIC**: MS Access, video & audio & image conversion / editing

## LICENSES

- Licensed Civil Engineer: Arizona

## VOLUNTEER / COMMUNITY

- **Whatcom Re-Entry Coalition**: financial, fund-raising, grant writing
- **Amy's Place for Youth / Old Town Christian Ministries**: fund-raising, grant writing, advertising, website
- **Save Chuckanut Ridge**: Powerpoint presentations, public education, fund-raising, website
- **Future Wise**: land use degradation of watersheds, presentations & animations using Google Earth & Powerpoint
- **Cabo San Lucas Humane Society**: dog walking, miscellaneous cleaning duties

## LANGUAGES, PRESS KIT, PAPERS & PUBLICATIONS

- Languages: fluent **GERMAN**, basic **SPANISH**
- Media / Press Kit: <http://www.egaps.net/pages/press.htm>
- Papers / Presentations: <http://www.andrewburg.com/cv/files/papers.pdf>
- Co-Authored Publications: [Good Treats Cookbook for Dogs](#)

## PERSONAL

Baja, snowboarding, skiing, surfing, photography, deep-sea fishing, desert off-road 4x4, exotic travel, kayaking, landscaping, gardening, hiking, authoring complex Google Earth objects, reading good books.