

Peter Mangarella, GeoSyntec Consultants

From: Peter Mangarella
Sent: Monday, April 22, 2002 12:45 PM
To: Water Resources Action Group
Subject: Marketing Introduction, Bradley Owens

Bradley Owens has recently joined the Water Resources Group in Walnut Creek as a Senior Staff Planner. He has a background in Landscape Architecture, and his strength is in Watershed Planning, including landuse analysis and design of surface water projects (i.e., bmp's, restoration, and renderings thereof). His masters project, "A Protection and Revitalization Plan for Las Virgenes Creek," can be viewed online at <http://lasvirgenescreek.org>. In addition, he has advanced skills in GIS (ArcView), and graphics (Adobe Illustrator).

Bradley can be of assistance on your projects in these areas:

- Design and illustration for water quality BMP's
- Stream corridor planning and protection, restoration
- Vegetation planning and design
- Watershed Planning emphasizing landuse and habitat issues
- Landfill vegetative cover; planning for closure or existing cover issues
- Community involvement and planning (workshops, buy-in meetings)

Bradley's resume is attached, and examples of his recent work are attached.

contents:

- Resume
- Site Renderings
- Detention Pond Sizing, Layout and Details

contact:

Bradley Owens
bowens@geosyntec.com
GeoSyntec Consultants
925.943.3034 x255



BRADLEY B OWENS

**watershed planning
best management practices design
architectural renderings
landscape and plant renderings
stream restoration**

EDUCATION

California Polytechnic State University, Pomona, Masters: Landscape Architecture, 2001
California Polytechnic State University, San Luis Obispo, B.S.: Industrial Technology, 1984

SELECTED CONTINUING EDUCATION COURSES

Geomorphology in River Restoration Seminar (40 hours), UC Berkeley, 1995
Extra-Curricular Graduate Coursework— Soil Science, Plant Propagation, Hydrology,
Geomorphology, Geographic Information Systems

PROFESSIONAL HISTORY

GeoSyntec Consultants, Walnut Creek, Watershed Planner, 2002– Present
Xerox Corporation, El Segundo, CA., Manufacturing Engineer, 1988 - 1999
Cipher Data Products, Manufacturing Engineer, San Diego, CA, 1987
M/A-Com Linkabit, Manufacturing Engineer, San Diego, CA, 1985 - 1987

REPRESENTATIVE SKILLS AND EXPERIENCE

Mr. Owens has recently entered the field of Watershed Planning after a successful first career in electronics manufacturing. His current areas of practice focus on watershed planning, river restoration design, development of best management practices, and geographic information systems. His approach to watershed management is to produce ecologically sound, natural process-based restorations that are compatible with human needs such as land development, water quality, and open space.

Mr. Owens applies landscape architectural skills such as topographic and climatic analysis, surface runoff analysis, site design and planting specification to produce documents and drawings that represent or enhance the clients' vision for a particular project or projects.

Software tools in which he is proficient include ArcView GIS, Adobe Illustrator, Watershed Modeling Software, and Plant Master.



GEOSYNTEC CONSULTANTS

Highlights of Mr. Owens' experience include:

- Conducting a literature review and synthesis to support the Hydromodification Plan for the Santa Clara Valley Urban Runoff Pollution Prevention Program. Urbanization and its effect on stream geomorphology are being investigated.
- Development and implementation of best management practices in Santa Barbara County as part of Project Clean Water. Mr. Owens assisted in the layout and planting design of biofiltration swales within a Homeowners Association site, and designed a dual-detention pond system on a golf course. Work performed included site planning and design, renderings, and installation details.
- Recommended plantings for biofiltration swales for a Solid Waste Recycling and Transfer Station project.
- For his Masters Project, Mr. Owens prepared A Protection and Revitalization Plan for Las Virgenes Creek watershed (24 square miles), which is a subshed of the Malibu Creek watershed (105 square miles) and Santa Monica Bay in southern California. The project goal is to promote a healthy watershed ecosystem encompassing biodiversity, recreation, and education, and to protect Las Virgenes Creek through stormwater and sediment discharge management. The Plan encompasses a creek protection component, a habitat linkage component (to accommodate wildlife movement and to protect threatened and endangered species), and a riparian greenway component.
- While interning at the Palouse-Clearwater Environmental Institute in Moscow, Idaho (1995), served as an Assistant Project Manager for the Paradise Creek Restoration project. Responsible for schedule development and coordination, construction tools requirement analysis and procurement, and site installation.
- While at Xerox, Project Management and Design Retrofit were Mr. Owens' specialties. In particular, project of note was designing and implementing a server-based graphical drawing production and delivery system.

PUBLICATIONS

A Protection and Revitalization Plan for Las Virgenes Creek. <http://lasvirgenescreek.org>

AFFILIATIONS

American Society of Landscape Architects
Society for Ecological Restoration