

## **Tim Conover White, Project Manager**

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Mr. White has extensive construction experience in the building trades in both design and construction. His particular interest involves the application of green infrastructure in design and retrofits in the built environment. His consulting experience has ranged from cost benefit analysis in potential remediation strategies, to stormwater re-use scenarios in urban application.

Mr. White holds a M.S. in Natural Resource Planning from the University of Vermont, with a focus on Ecological Design, where he studied under Dr. John Todd. He designed the on-line Stormwater Management Toolbox for the USEPA “Re-designing the American Neighborhood” grant at UVM. He has been part of the eDesign Dynamics team since 2006.

### **Review and Analysis:**

Co-author, **Review of the Doan Brook Watershed Study Report.** Provided an external environmental review of the Doan Brook Watershed Study Report, prepared by the Northeast Ohio Regional Sewer District and a local watershed study committee. The purpose of the review was to critically examine the Biotic, Channel, Stormwater and Wastewater Management Plan for this 7,500 acre watershed located in suburban Cleveland. (*Client: The Rocky Mountain Institute; Cleveland, Ohio*)

### **Green Design Projects**

**Rainwater Harvesting:** Project Manager/Designer for a rainwater harvesting systems in a low income housing development, in which roof top run-off is collected, treated, and used to offset potable water demand by meeting toilet flushing and irrigation needs for the building. (*Fordam Bedford Housing Corporation; Bronx, NY*)

**Rainwater Harvesting:** Project Manager/Designer for installation of a rainwater system which utilizes stored rainwater for greenroof and street level irrigation needs. (*Fordam Bedford Housing Corporation; Bronx, NY*)

**Rainwater Harvesting:** Conceptual and schematic collaboration with regard to stormwater capture and re-use, within the public-space areas of a popular Brooklyn restaurant. (*Habana Outpost; Brooklyn, NY*)

**Stormwater Detention/Habitat Restoration:** Project Manager for a stormwater integration project, using streetscape runoff for golf course irrigation. Run-off harvested from impervious street surfaces will be conveyed to an ecologically engineered pond, where it will serve as

reservoir. Coordinating sub contractors, design team, and managing budgets. (*Rye Golf Club; Rye, NY*)

**Planning:** Community charrette facilitator for the *Added Value Red Hook Farm Project*; led to the development of a conceptual plan for a 2 acre urban farm located in Brooklyn, NY. , influenced by more than 70 community stakeholders, the plan included green infrastructure technologies such as renewable energy, composting, water recycling and rainwater harvesting. (*Added Value and Herban Solutions, Inc.; Brooklyn, NY*)

**Sustainable Building Prototype:** Project Manager in the development of a leading-edge residential project which was designed to effectively reduce all stormwater run-off from the site through the use of conservation, recycling, and on site greywater treatment. (*NJE Enterprises; Hoboken, NJ.*)

**Ecological Restoration:** Assistant Project Manager in the restoration of an 80 acre private parcel of forested land in Rhinebeck, New York. Thinning of invasive woody and herbaceous species, replanting of native species. (*McGown property; Rhinebeck, NY*)

## **Other Experience:**

### **New York Sunworks**

*Technical Consultant* 8/06-12/06

Science Barge project (see <http://www.nysunworks.org/>)

Responsibilities include oversight of construction, on-site design, research.

### **The University of Vermont – Redesigning the American Neighborhood USEPA Grant**

Researcher and author of web-based Stormwater Management Toolbox. Research of stormwater management best management practices (BMP's) - low impact development strategies, field research, Toolbox design/ web design, video/still image capture, integration of research, editing.

### **Ocean Arks International**

*Ecological Design Field Technician* · 2002

Installation of 10,000 GPD Eco-machine and constructed wetland facility for the Berea College "Eco-Village," Berea, KY

### **The University of Vermont – Rubenstein School of Environment and Natural Resources**

*Graduate Teaching Assistant* · 2002 – 2004

Co-taught academic courses: *Introduction to Living Technologies* and *Ecological Design Studio* with Dr. John Todd.

### **Building & Construction trades**

*1981-1991; New York City*

Extensive experience in interior renovation and ground-up framing.

Well versed in all aspects of construction, from foundation to roofing. Excellent understanding of job site management, client relations, budgetary concerns, and realities of introducing materials which may be outside of common practice or routine

**Publications**

*Micro-Scale Evaluation of Phosphorus Management: Alternative Wastewater Systems Evaluation. .*

Prepared for the National Decentralized Water Resources Capacity Development Project, Washington University, St. Louis, Missouri, by Stone Environmental, Inc., Montpelier, Vermont. (Etnier, Carl, Dave Braun, Adam Grenier, Amy Macrellis, Randall J. Miles, and **Tim C. White**. 2005.)

**White, T.C.**, et al. 2005. "Stormwater Management Toolbox." Redesigning the American Neighborhood. University of Vermont. 2005.

**Education**

University

New York University	1985	B.F.A
Sonoma State University	1999/2001	Pre-med postbaccalaureate program
University of Vermont	2005	M.S.; Natural Resource Planning/ Ecological Design