JOHN T E C C L O D G E D  D E S I G N
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JOB OPENING
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John Todd Ecological Design is looking for a creative and passionate Professional Engineer (PE) to assist in the design and execution of ecological treatment systems for domestic and industrial wastes and the remediation of polluted waters.

John Todd Ecological Design (JTED), is the company founded to commercialize Dr. Todd's discoveries and design approach. Our mission is to offer an economically competitive and widely accepted alternative to conventional wastewater treatment, storm-water infrastructure and the rehabilitation of polluted environments.

All of our projects at JTED accomplish conventional water treatment goals in ways that are ecologically restorative, environmentally sensitive and integrated into the landscape and environment. Over the past thirty years, we have successfully treated waste streams ranging from domestic sewage to slaughterhouse waste, from landfill leachate to confectionery production, from lake management for a 5 star resort to sewage systems for low income communities in the Third World. JTED has designed and built in-situ remediation systems to remove excess nutrients from degraded water bodies and legacy contaminants from degraded sediment. Our systems allow our clients to reclaim and conserve resources and to meet discharge standards and permitting requirements.

JTED currently consists of a small and dynamic team. We each work together and take on many roles to ensure the success of our projects.

Your role and responsibilities would include:

- Engineering and design for alternative wastewater treatment systems including:
  - Client contact and initial discussions
  - Initial project concepts
  - Preliminary site visits
  - All technical calculations related to water design
  - Budget estimation
  - Project management
  - Production of engineering documents, drawings and specifications
  - Working with regulators on compliance and permitting issues
  - Construction oversight
• Ongoing support for existing systems
• Assisting JTED in updating capacity and knowledge base to latest relevant standards, codes, and training
• Development of new projects
• Supervision and mentoring of an EIT
• Working collaboratively with a small team of 2 to 10 people

Your qualifications and experience should include:
• A deep interest, and at least some level of practice, in ecological design and a passion to design and implement living alternatives to conventional water treatment infrastructure
• Professional Engineering License in the Commonwealth of Massachusetts (or ability to become licensed in the Commonwealth of Massachusetts, including reciprocity from another state in the U.S., province of Canada or the EU)
• Experience working with, designing and permitting wastewater treatment systems
• Experience preparing construction drawings, specifications and engineering reports
• An understanding of and/or enthusiasm to learn small business development and finances
• Excellent written and verbal communication skills
• Ability to develop new projects and work with clients from start to finish
• Willingness to travel
• Leadership and collaboration skills

All applications for employment to John Todd Ecological Design are held in the strictest confidence.

Inquiries and applications may be emailed to Lauren Valle, Project Coordinator, lauren@toddecological.com