

Lori A. Lilly

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Watershed Planner & Restoration Specialist

Empowering Communities, Improving Water Resources

CAREER SUMMARY

A natural resource management professional with an M.S. in Marine Estuarine and Environmental Science and over 10 years of cumulative experience in watershed planning and implementation, project management, water quality monitoring and grant writing. A leader and independent thinker with a passion for environmental issues and a demonstrated commitment to improving water resources through grassroots efforts.

CORE COMPETENCIES:

- ✓ Experienced Watershed Professional
- ✓ Community Leader
- ✓ Fundraiser
- ✓ Self-motivated
- ✓ Demonstrated Initiative

PROFESSIONAL EXPERIENCE

Owner, Lori A. Lilly

March 2014 – Present

- Owner / operator of an environmental consulting business focused on non-stormwater (illicit) discharge detection and elimination (IDDE): <http://www.lorialilly.com/>.
- Developing and implementing an IDDE Plan for a military base in VA.
- Completed illicit discharge identification efforts with Protectores de Cuencas in the Northeast Corridor of Puerto Rico.
- Working with multiple local governments and watershed organizations in Maryland including Howard County, Lower Shore Land Trust, Montgomery County and Somerset County to fundraise, design and implement water resource improvement plans and projects.

Operations Manager, Restoring the Environment and Developing Youth (READY)

May 2014 – Present

- Providing ground-level operational management of the READY program, including logistics, site assessments, crew leader support and program development assistance to build rain gardens and other small best management practices (BMPs) around Howard County.
- Restoring the Environment and Developing Youth (READY) is a program funded by Howard County, administered by the Alliance for the Chesapeake Bay and is designed to meet local environmental and employment goals.

Watershed Ecologist / Planner, Center for Watershed Protection

March 2009 – March 2014

- Project manager and team member for a multitude of watershed protection and restoration projects across the nation with emphasis in the Chesapeake Bay watershed.

- Developed and delivered multiple training programs to local governments and watershed groups.
- Conducted stream, upland, conservation and stormwater retrofit assessments.
- Developed watershed plans and technical memos.
- Successful fundraising of approximately 200 – 270K per year for self-initiated projects.
- Led and coordinated illicit discharge detection and elimination (IDDE) field, research and training projects as well provided leadership on an IDDE Expert Panel.
- Presented technical material at over 10 conferences across the nation.
- Facilitated numerous public stakeholder meetings.

***Watershed Council Coordinator, Columbia River Estuary Study Taskforce (CREST)
September 2006 – March 2009***

- Directed and managed organizational activities of the North Coast Watershed Association (NCWA) and coordinated the activities of its four member watershed councils.
- Wrote and received grants for over one million dollars in grants for habitat restoration projects and staff.
- Managed salmon and habitat restoration, monitoring and research projects.
- Managed and tracked project and organizational budgets.
- Coordinated events, public outreach, and facilitated stakeholder meetings.
- Led the NCWA through the process of developing and implementing a strategic plan.
- Developed and implemented water quality monitoring programs.

PROFESSIONAL DEVELOPMENT EXPERIENCE

- *Research Specialist, UMES, Princess Anne, MD*
- *Graduate Research Assistant, UMES, Princess Anne, MD*
- *Intern, Lower Shore Land Trust, Berlin, MD*
- *Intern, The Nature Conservancy, Snow Hill, MD*
- *Corpsmember, Americorps NCCC, San Diego, CA*
- *Intern, Seedskafee National Wildlife Refuge, Green River, WY*
- *Resource Assistant, Great Smoky Mountains National Park., Gatlinburg, TN*

EDUCATION

M.S. with Honors, Marine Estuarine and Environmental Sciences - Ecology, University of Maryland Eastern Shore, MD. May 2004. 4.0 GPA.

B.S. with Honors, Natural Resource Management - Conservation and Applied Ecology, Cook College, Rutgers University, NJ. January 1997. 3.4 GPA.

PUBLICATIONS

- Lilly, Lori A.**, Neely Law, Alexander Torella, Daniel McCann and Pamela Parker. 2014. Pollutant Analysis of HVAC Discharges in Montgomery County, Maryland. *Watershed Science Bulletin*, Ellicott City, MD.
- Lilly, Lori A.** 2012. *Impacts of Buried Pipelines to Water Resources*. American Water Resources Association Impact. 14(3):3-5.

- Lilly, Lori A.**, B. Stack., and D. Caraco. 2011. *Nonstormwater discharge pollution loading in two Mid-Atlantic subwatersheds and implications for nutrient and bacteria Total Maximum Daily Loads*. Watershed Science Bulletin, Ellicott City, MD.
- Arnold, C., **L. Lilly**, K. Collins, D. Caraco, and A. Kitchell. 2011. *Incorporating impervious cover into water quality plans*. Public Works magazine. March 2011 issue, pages 59-63.
- Collins, K., **L. Lilly**, D. Caraco, C. Arnold and A. Kitchell. 2010. *Addressing an impervious cover TMDL through the use of LID*. Proceedings of the ASABE TMDL 2010 Conference, Baltimore, MD, November 2010.
- Lilly, Lori**. 2006. *Forest dynamics of shortleaf pine-dominated xeric sand dunes, MD*. Master's thesis. University of Maryland Eastern Shore, Princess Anne, MD.