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Caroline J. Kindall

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- OBJECTIVE** Seeking a full time position within sustainability and/or environmental conservation and protection starting in May of 2012. Willing to relocate
- EDUCATION** **B.S. in Environmental Resource Management, Water Option** GPA 3.54
Minor in Watersheds and Water Resources
Minor in Environmental Engineering
The Pennsylvania State University, University Park, PA May 2012
- WORK** **Research Summer Internship** May 11- Present
United States Department of Agriculture, Agricultural Research Service, University Park, PA
- Management of incoming soil and water samples and following them through the analysis process
 - Subject matter expert in processing and analysis techniques common for scientific observations of watersheds
 - Analyzed over 1,000 water samples derived from the Chesapeake Bay watershed deriving accurate counts of total solids, total N, and total P
 - Perform analysis of Total P on a spectrometer
 - Collection of nitric acid gas samples from manure
- Research Assistant** May 10-Jan 11
Entomology Dept., Penn State University
- Processing of around 600 soil, insect, and plant samples
 - Conducting EC, pH, POM and AC tests on soil samples
 - Following the soil samples to be sure all necessary analyses are completed
- PROJECTS** **Independent Study, Chesapeake Bay Watershed** Jan 12 – Present
- Monitoring Phosphorous movement from different manure application methods
 - Analyzing differences due to the disturbance level of the method
 - Processing charged resin sheets from the soil profile using a salt extraction
 - Mapping Phosphorus movement throughout the soil profile using Surfer
 - Connecting the application methods with runoff potential and Phosphorous pollution
- Project Leader, Clothes Dryer Solar Decathlon Project** Oct 08-Dec 08
- Received Award for Best Engineering Design Process
 - Managed team of five to design and build a model of a “green” clothes dryer
 - Researched and designed possible energy sources for clothes dryer
- ACTIVITIES** **Committee Member, Penn State Dance Marathon, Student Philanthropy** Sept 08-Present
- Setting up and tearing down venue as well as cleaning throughout the weekend
 - Raising money throughout the year through letters, canning, and corporate fundraising
- Volunteer, Department of Geosciences** March 11-Present
- Performing slug tests, well water levels, EC readings, surveying, and installing wells in a graduate student’s field site in a stream bed
- Volunteer leader, WEP Girl Scout Saturdays Outreach** Sept 08- Present
- Volunteer, Students Taking Action to Encourage Recycling** Jan 11-Present
- SKILLS** Surveying, wetland and watershed delineation, stream profiling, SCUBA, open source GIS software, Microsoft Office, Proficient in Excel, Adobe Photoshop, Adobe InDesign, HTML, Google Sketchup, Solidworks 2.4, C++

References available upon request.