

KERBY SMITHSON

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EDUCATION May 2011	MASTER OF SCIENCE, SUSTAINABLE SYSTEMS <i>University of Michigan</i> School of Natural Resources and Environment <ul style="list-style-type: none">▪ Rackham Graduate School Merit Fellow▪ Sustainable Systems Track Leader	Ann Arbor, MI
August 2005	BACHELOR OF SCIENCE, ENVIRONMENTAL TECHNOLOGY <i>North Carolina State University</i> <ul style="list-style-type: none">▪ Graduated with honors (Cum Laude)▪ Minor in Spanish	Raleigh, NC
EXPERIENCE Nov 2011 – Present	ENERGY ANALYST <i>City of Asheville Office of Sustainability</i> <ul style="list-style-type: none">▪ Informed sustainability decision makers about municipal carbon footprint and energy usage through analysis and reporting▪ Monitored municipal energy spending and captured energy savings for green infrastructure reinvestment▪ Increased municipal energy efficiency through identifying and working with teams to implement efficiency opportunities	Asheville, NC
May-Oct 2011	PROJECT ASSOCIATE <i>Clean Energy Coalition – Structures Division</i> <ul style="list-style-type: none">▪ Conducted commercial and residential energy audits and wrote detailed reports for clients including prioritized energy conservation measures▪ Led redesign of the Clean Energy Outlet retail space, and sold energy and water efficiency products to commercial clients and homeowners	Ann Arbor, MI
Jan 2010–Apr 2011	MASTER’S PROJECT – <i>The Green Brewery Project</i> <i>Arbor Brewing Company</i> <ul style="list-style-type: none">▪ Led an interdisciplinary team of master’s students to research energy efficiency improvements and on-site renewable energy generation▪ Conducted energy and water audits, solar assessment, and cost-benefit analyses of various options in order to compile prioritized list of recommendations for client	Ypsilanti, MI
2006 – 2008	NATURAL RESOURCES SPECIALIST <i>US Peace Corps</i> <ul style="list-style-type: none">▪ Worked independently in a rural, multilingual community in the Bolivian highlands to facilitate improved environmental practices▪ Developed municipal recycling program and improved trash management.▪ Conducted collection and disposal campaign for used batteries▪ Taught English and environmental education to 50 4th, 5th and 6th graders	Oruro, Bolivia
ADDITIONAL	<ul style="list-style-type: none">▪ Fluent in Spanish from experience in Ecuador, Mexico, and Bolivia▪ 40-Hour Hazardous Waste Operations and Emergency Response Standard Training (HAZWOPER)▪ Experienced in the following software: Word, Excel, Powerpoint, Publisher, SimaPro LCA Software, Arc GIS Software, Stella, SPSS Statistical Software, Dreamweaver, eQuest, Engineering Equation Solver, WindFarmer, EnergyStar Portfolio Manager	