

JENNIFER KRUEGER

Education

M.S., Engineering and Technology Management, George Washington University, 2010

B.S., Environmental Engineering, Michigan Technological University, 2002



Professional Experience

Ms. Krueger has two decades of experience fostering improvements in environmental engineering and green technology development, and ensuring state and federal EPA regulation compliance. Through clear communication, she progressively demonstrates delivery of environmental services to customers and stakeholders.

Environmental Compliance

Cottage Grove, Minnesota, 3M. Managed environmental support services for multiple manufacturing and pilot production plants. Served as representative for agency inspections and environmental audits, site inspections, and 24-hour emergency spill response actions for plants. Utilized expertise to advise colleagues on best practices and achieved 100% compliance for ISO 14001. Devised and implemented strategic environmental plan for multiple plants within Cottage Grove Facility, championed 3M's environmental excellence culture, and strived for continuous improvements. Forged strategic relationships with plant managers and operations teams to initiate environmental improvement projects within each plant that focused on air quality improvements and waste reduction. Managed Federal EPA, State MPCA, and internal compliance reporting requirements for air, water, and waste management and led reporting of Title V permits (i.e., monthly, quarterly, semi-annual, and annual). Characterized waste stream profiles for plants to ensure proper waste disposal of all generated waste.

Washington DC, U.S. Environmental Protection Agency. Supported Project Management Office for the Office of Environmental Information (OEI). Through collaboration, communicated information about nascent technologies, data exchange efforts, and EPA technical information accurately and reliably to all ten EPA regional offices and worldwide industry. Conducted analysis to standardize project management practices processes that ensured effective delivery of services to component divisions. Instituted best practices for utilization of Systems Lifecycle Management process, policies, and procedures. Served as Contract Officer's Technical Representative, prepared task orders, approved and reconciled financial payments, authored statements of works, and executed contract closeouts.

Washington DC, U.S. Environmental Protection Agency. Served as Technical Specialist for the National Clean Diesel Campaign within the Office of Transportation and Air Quality (OTAQ). Responsible for crafting communication that informs the public, EPA leadership, and regional EPA offices on available clean technologies; specifically, environmental performance, development timelines, and cost. Prepared material including speeches and briefings for Director of OTAQ, performed community outreach, and constructed web pages and fact sheets to communicate grant opportunities and regulations. Authored official oral and written responses for Congressional, GAO, Inspector General, and staff inquiries. Crafted strategic plans, analyzed market research, and presented to executives and industry stakeholders resulting in new EPA technology partnerships, grant awards, and diesel emission reductions.

Washington DC, U.S. Environmental Protection Agency. Led an \$8M Emerging Technology Program to reduce emissions from diesel engines by developing and commercializing novel technology via grants under American Recovery and Reinvestment Act of 2009. Created an online database and communication tool, known as the Diesel Emissions Quantifier that calculates emission reduction for technologies as applied to diesel transportation modalities. Drafted and delivered in person training materials and virtual training tools to deliver tailored instruction to ten EPA regional offices and to the domestic environmental science and technology industry. Led a cross-functional integrated project team of six professionals to evaluate technology down selections. Constructed specifications and crafted recommendations for green building certification programs.

Wixom, Michigan, MACTEC. Assessed RCRA and CERLCA sites and acted as on-site authority for compliance of landfills to EPA regulations.

Cary, North Carolina, Veolia (US Filter and Kruger). Designed water and wastewater treatment systems (ACTIFLO®) and conducted on-site start-up of new facilities.