

RICHARD W. SPROTT

Professional Experience

Bear Claw Environmental Consulting, Angel Fire, NM

08/2009 to Present

Principal and Owner

Sole proprietorship firm that assists governments and progressive corporations develop energy and climate policy, strategies and practices. Interprets current and proposed environmental statutes and regulations to plan for efficient compliance. Provides expert testimony on air quality, climate and energy policy and regulations.

Air and Waste Management Association, Pittsburgh, PA

01/2009 to 12/2010

President and Immediate Past President

Volunteer leader of world's largest international environmental professional association with 8,500 members globally. Oversees Executive Director with staff of 26 who implement professional development programs, publish two monthly journals, provide member services, and manage \$4.1 million annual budget and \$1.2 million investment account. Leads Board of Directors in strategic planning, defining fiscal policies, and ensuring compliance with Sarbanes-Oxley requirements. Member, Executive Committee and Compensation Committee; Chair, Nominating Committee, Co-Chair, Energy and Climate Task Force.

Utah Department of Environmental Quality, Salt Lake City, UT

6/2007 to 12/2008

Executive Director

Responsible for over 400 employees that implement State and Federal environmental programs for air, land, and water. Managed annual budget of \$45,000,000. Major policy involvement in energy, climate change, air quality, mercury, radioactive waste, resource recovery, agriculture, watershed protection, and environmental partnerships. Member of the Governor's cabinet. Provided state legislature information about environmental matters to assist in policy development and budget matters. Provided recommendations to Utah Congressional delegation. Responsible for extensive public information program. Coordinated with other agency heads. Consulted local health departments and elected officials to address environmental health matters at the local level. Participated in regional and national bodies to preserve environmental quality of the State of Utah. Active participant in the Western Climate Initiative and The Climate Registry. Appointed to Governor Huntsman's Blue Ribbon Advisory Council on Climate Change. Governor's designee on Western Regional Air Partnership Board. Chaired Air Quality Planning Task Force for funding future air quality planning program for Utah. Served as member of the Utah Air Quality Board, Water Quality Board, Drinking Water Board, Solid and Hazardous Control Board, and Radiation Control Board.

Utah Division of Air Quality, Salt Lake City, UT

12/00 to 6/2007

Director

Directed over 100 employees that implement the Utah Air Conservation Act and U.S. Clean Air Act. Oversaw annual budget of over \$10,000,000. Major policy activities included energy, multi-pollutant strategies, agriculture, climate change, regional haze, air toxics, and environmental partnerships. Principal regulatory activities included monitoring air quality, issuing permits, conducting compliance inspections, performing air quality modeling, developing air quality plans to meet national air quality standards, and writing rules necessary to implement statutes. Pioneered innovations with Utah agriculture to monitor air emissions cooperatively using Utah State University rather than through Federal enforcement action. Obtained significant grant from Hewlett Foundation to fund first ever Climate Policy

development in Utah. Initiated first program in US to expand renewable energy markets by inviting violators to purchase green power as a supplemental environmental projects. Sought expanded air toxic emissions surveillance, especially in poor neighborhoods, through the use of state-of-the-art equipment in a mobile laboratory. Organized the Western Oil and Gas Partnership of States, EPA Regional Offices and major oil and gas companies to assess impacts of new exploration and how to comply with air quality requirements while maintaining production. Significantly expanded information available to the public on web and pushed critical pollution and health data to “front” page. Served as Co-Chair of the Initiative Oversight Committee and Joint Fire Emissions Forum of the Western Regional Air Partnership to reduce regional haze in the west. Frequently gave presentations to local, regional and national groups on energy and climate policy, transportation planning, visibility, western pollution transport, environmental data management, environmental regulatory reform, and oil and gas environmental impacts. Served as Executive Secretary of the Utah Air Quality Board to exercise the Board’s authority to issue permits and enforce the rules.

Utah Division of Air Quality, Salt Lake City, UT
8/1998 to 12/2000

Planning Branch Manager

Supervised and directed the activities of the Branch, including development of state implementation plans (SIPs), rulemaking, air toxics, emission inventories, modeling, and mobile source management. Developed SIPs consistent with State policy containing strategies that ensure attainment and maintenance of the air quality standards. Oversaw major PM₁₀ modeling innovation for complex terrain and chemistry for the Wasatch Front in Utah.

Utah Division of Air Quality, Salt Lake City, UT
1/1998 to 8/1998

Permitting Branch Manager

Supervised and directed the activities of the New Source Review Section and the Operating Permit Section. Maintained active and regular communication with the appropriate EPA staff. Interfaced with other branches on permitting products, resource requirements, and problem solving between sections. Directed planning and budget for Permitting Branch. Responded to the Division Director, media and other customers on permitting issues.

Utah Division of Air Quality, Salt Lake City, UT
5/1994 to 1/1998

Environmental Scientist III

Wrote and reviewed Title V operating permits and New Source Review approval orders. Determined regulatory requirements based on technical data submitted in permit applications. Performed as Title IV Acid Rain Program Coordinator for the State of Utah. Authored original Title V Operating Permits for all coal-fired power plants in Utah except Intermountain Power Project plant. Served as Division Air Toxics Coordinator and reviewed new hazardous air pollutant (HAP) regulations, determined applicability to Utah industry, educated industry on HAP regulatory requirements, implemented HAP standards by writing procedures and rules for the DAQ staff and AQB.

Duke University School of the Environment and USEPA Health Effects Laboratory, Durham, NC
8/1992 to 5/1994

Graduate Assistant

Analyzed results of toxicological research performed throughout the world to identify trends and gaps for USEPA to target for future funding. Used Lotus spread sheets and SAS Institute software to develop two and three-dimensional graphic presentations for the Director, USEPA Health Effects Laboratory.

North Carolina Division of Environmental Management, Raleigh, NC

6/1993 to 8/1993

Student Intern

Performed analysis of toxic air emissions from the textile industry to determine if the industry was a serious health threat to the public. Results of study were presented to NCDEM management and published as a paper in 1995 EPA conference on emissions inventories: "The Emissions Inventory - Programs and Progress."

U.S. Air Force, Locations in the United States, Asia, and Europe

10/1971 to 8/1992

Command and Management Positions

Aircraft maintenance and munitions officer. Served in a variety of assignments responsible for leading maintenance squadrons of up to 700 personnel supporting F-16, A-10, and F-4 fighter aircraft, ensuring environmental compliance of industrial aircraft operations at Ogden Air Logistics Center, project manager for construction of world's largest computed tomography (CT scanning) system for strategic missile motors, project manager for acquisition and development of new tactical fighter weapons systems and other headquarters and staff positions.

Education:

MEM, (Masters of Environmental Management), Air and Water Resources, Duke University, Durham, NC, 1994.

Graduate Study, Analytical Chemistry, University of New Hampshire, Durham, NH, 1968-1971

BA, Chemistry, Grinnell College, Grinnell, IA, 1968

Professional Associations:

Air & Waste Management Association (A&WMA): Member since 1994; Association President for 2009, International Board member from 2003-2006 including Vice President and Finance Committee Chair in 2006. Great Basin Chapter (UT, MT & ID) Chairman 1998; Chapter Vice-Chairman 1997; Director of Programs, 1996; Chapter Board member 1996-present; addressed Rocky Mountain Section Conferences in 2000 and 2004; chaired 1999 A&WMA Compliance Assurance Monitoring Workshop.

Environmental Law Institute: Member, 2010-Present

Publications:

"Toxic Air Emissions from the North Carolina Textiles Industry," Proceedings of the Emission Inventory: Programs and Progress, 1995

"Challenges in Implementing Efficient Title IV and Title V Programs," Proceedings of Acid Rain and Electric Utilities II Conference, 1997

"Use of Collaborative Partnerships to Address Environmental Impacts of Agriculture," Workshop on Agricultural Air Quality: State of the Science Proceedings, 2006

Volunteer Work:

Chair, Village of Angel Fire Sustainability Committee, 2009-Present

Volunteer, Viet Nam Veterans' Memorial State Park, 2009-Present

Energy and Climate Policy pro bono work, New Mexico Chapter, Western Resource Advocates, 2009-Present

Awards:

NSF Traineeship, University of New Hampshire, 1968-1971

Atmospheric Sciences Academic Achievement Award from the Central North Carolina Chapter of the American Meteorological Society, 1994