

KATHRYN ROBERTS

EXPERIENCE SUMMARY

Ms. Roberts is a recognized regulatory and public outreach expert with more than 19 years of environmental leadership, innovative management, compliance and technical expertise related to regulatory matters (e.g., RCRA, CERCLA, NEPA) as well as management and regulation of contaminated soil, surface/groundwater and facilities. In addition to serving as a cabinet-appointed regulatory division director managing an approximately 200 employee organization, her experience includes 17 years managing, coordinating and communicating between State and Federal agencies (e.g., EPA, DOE), Congressional delegation, State legislators, Indian Pueblos, local municipal governments and a wide range of other stakeholders, including activist groups and non-profit organizations. She possesses broad experience and knowledge of the regulatory structure and strategy for characterization, treatment, shipment and disposal of transuranic waste. In addition to being the primary regulator of the Waste Isolation Pilot Plant (WIPP), she led the negotiation of the Settlement Agreement and Consent Order following WIPP's radiological events and was regulatory lead for the restart of WIPP operations. She has deep understanding of transuranic waste certification and acceptance requirements and the innovative strategies necessary to safely and efficiently disposition transuranic waste from across the DOE generator site complex.

Her regulatory responsibilities have included oversight of complex DOE sites and facilities, including contaminated facility decommissioning and demolition, remediation of diverse contaminated media and resultant hazardous and radioactive wastes streams, as well as radioactive disposal facilities, including WIPP. She is unique in that she has been involved with RCRA regulated facilities and contamination both as a regulator (with State of New Mexico) and as a manager of the regulated facilities and sites (while with LANL and N3B).

Most notably, she was the lead negotiator and author for the New Mexico Environment Department (NMED) on the 2016 Consent Order for Los Alamos National Laboratory (LANL). This document was revolutionary for legacy cleanup at LANL because, unlike its predecessor, it established an effective structure for accomplishing work on a risk-informed, priority basis through the "Campaign Approach", which allows for the addition and/or adjustment of campaigns and milestones via the "annual planning process" and facilitates cooperation and exchange of information between the regulator and the site. This benchmark agreement implements proven best practices from successful DOE site closures (e.g. Rocky Flats) and defines shared responsibilities between signatories to identify strategies and resolve technical issues to achieve cleanup progress.

DETAILED EXPERIENCE

Director, Regulatory Assurance – Longenecker & Associates

January 2020 – Present

Ms. Roberts led the establishment and implementation of L&A's Regulatory Assurance business line to deliver best in class regulatory strategy and subject matter experts to DOE and NNSA projects and sites to enable mission goals. She currently performs and manages other experts in delivery of high impact environmental regulatory strategy and support tasks at Los Alamos Legacy Cleanup Contract (LLCC), Los

Alamos M&O, Savannah River Site, Oak Ridge, Nevada M&O and DOE-EM Headquarters. This work includes interactions with senior officials and decision makers in cognizant state agencies, EPA regions, DOE site leadership and DOE Headquarters to deliver effective regulatory approaches to support EM mission success. She and her team proactively identify issues and assist sites in resolving disagreements where they already exist and assists DOE in establishing new and innovative ways to collaborate with its regulators and other stakeholders. As Director of Regulatory Assurance, Ms. Roberts oversees L&A's work scope for all current contracts in the area of environmental regulatory compliance and support. She is responsible for business development, interacting with clients, and general oversight of L&A staff and subcontractors performing regulatory assurance work scope.

Senior Associate– Longenecker & Associates

January 2017 – January 2020

As a senior associate based in NM, Ms. Roberts was, and continues to be, responsible for maintaining communications and outreach efforts with local, state and federal agencies, NM State Legislators, NM Congressional delegation and community and regional development organizations. She provided expert technical, regulatory (primarily RCRA and Clean Water Act (CWA)) and stakeholder support and advice to L&A projects throughout the complex, but primarily at Los Alamos, WIPP and Sandia. She was a Lead Reviewer for L&A on the inaugural Waste Isolation Pilot Plant (WIPP) Triennial Review. The Triennial Review is a Supplemental Environmental Project required by the Settlement Agreement between the New Mexico Environment Department and the DOE resulting from violations of their RCRA permits. The Triennial Review evaluated WIPP's environmental compliance across several areas, including hazardous waste management and groundwater protection.

Recent Projects

Los Alamos Legacy Cleanup Contract (LLCC) - She served as the Deputy Project Manager for L&A's work on the Los Alamos Legacy Cleanup Contract (LLCC). As Deputy PM, she was responsible for contract administration, interacting with the client, (Newport News Nuclear N3B-Los Alamos, LLC (N3B)) and DOE Site Office (EM-LA)) and general oversight of all L&A staff performing work under the LLCC. She is also a performer under the LLCC. She provides full-time support to N3B's Contact-Handled – Transuranic Waste program (CH-TRU) in the area of regulatory compliance and strategy. She is tasked with developing RCRA-permitting strategies that will allow the waste processing lines to compliantly treat multiple waste streams ultimately bound for WIPP. She also serves as a liaison between the CH-TRU program and the Regulatory Compliance group to help facilitate discussions on daily environmental compliance issues (e.g., RCRA, NPDES, Air, etc.) as well as regulatory coordination strategy development.

Transitions for LLCC and LANL M&O - Ms. Roberts supported the transition teams for both Los Alamos prime contracts. She played a key role on the transition team for the LLCC from January 2018 – April 2018. She supported N3B in the planning and implementation of the transition including working closely with all parties to identify and address hundreds of interface questions regarding employees and functions split between the LLCC and the M&O contract. Additionally, she was asked to fill in as the acting Regulatory Compliance Director for N3B until a permanent replacement was hired (July of 2018). In this role, she was responsible for environmental compliance for N3B's two core mission programs – Environmental Remediation (ER) and CH-TRU. On the transition team for the Los Alamos M&O contract (Triad), she was responsible for ensuring all permits (i.e., RCRA, NPDES, Air, Groundwater Discharge, etc.) and other

regulatory requirements were successfully transferred from the previous M&O contractor to Triad. All requirements were transferred on time or ahead of schedule.

Deep Borehole Project- Alamogordo, NM Site- From January 2017 through June 2017, Ms. Roberts served as the Public Outreach Liaison for one of the four Deep Borehole Field Test (DBFT) sites awarded by DOE. The DBFT site was near Alamogordo, NM. The DBFT project was designed to study the feasibility of engineering deep boreholes for final disposal of radioactive waste. One of the field test's main purposes was to collect data on the type of rocks, the chemistry of the water, the depths to these rocks and water, the temperature of the rocks and other geologic data to see if nuclear waste disposal would be feasible in this kind of geology. Ms. Roberts was responsible for planning and managing the public outreach activities for the project. She was responsible for responding to stakeholder inquiries via email and those received through the project website; developing presentations and facilitating public meetings and coordinating with NM State legislators and the New Mexico Congressional delegation (i.e., Senator Udall, Senator Heinrich, Rep. Lujan-Grisham, Rep. Ben Ray Lujan and Rep. Steve Pearce), to obtain their support for the project and/or respond to their concerns. Her role was also heavily focused on interfacing with local municipal leaders (e.g., City of Alamogordo, Otero County Commission) and business owners (e.g., local Rotary Clubs) to explain the project and, per request from DOE, obtain support for the project from the local community. In this role she consistently responded to media inquiries from local newspapers and tv stations and coordinated interviews between media outlets and project personnel.

**Director, Resource Protection Division – New Mexico Environment Department (NMED)
Santa Fe, NM**

January 2015-January 2017

Appointed by the Governor, Ms. Roberts served as the Resource Protection Division (RPD) Director for the New Mexico Environment Department (NMED). She managed four Bureaus (Hazardous Waste; Solid Waste, Petroleum Storage Tanks; DOE-Oversight) and approximately 200 employees. She oversaw regulatory compliance activities and rendered regulatory decisions for three complex federal facilities -- Los Alamos National Laboratory (LANL), Sandia National Laboratory- New Mexico (SNL) and WIPP -- as well as numerous generators and owners/operators of all RCRA treatment storage and disposal facilities (TSDF), all owners/operators of solid waste facilities, including private and municipal landfills and transfer stations, all owners/operators of underground and aboveground petroleum storage tanks (e.g., commercial gas stations, private owners), and independent air, water and soil sampling. She was also the New Mexico representative on the Rocky Mountain Low Level Radioactive Waste Board, which included representation from Colorado, New Mexico and Nevada. She represented NMED in the DOE-EPA-State dialogue conversations, which were undertaken to improve working relationships and identify and resolve common issues across the DOE complex. There, she was able to establish enduring relationships with her counterparts in neighboring States with DOE facilities, such as Nevada and Idaho.

During her tenure as RPD Director, she served as the primary liaison for NMED with local stakeholders, community groups, regulated entities, State legislators and New Mexico's Congressional delegation on a wide range of environmental compliance issues associated with hazardous waste management and TSDFs. She served as the primary point of contact between NMED and all three federal facilities in the State. Interactions occurred on a daily basis. Ms. Roberts frequently presented at State Legislative Committees, community meetings and to the public to address hazardous waste management, waste storage and related implementing laws and regulations. She was also integral in final remediation decisions for major

RCRA closure sites, such as the Mixed Waste Landfill at Sandia. Following review of all data and public comments, she authored the order outlining the final decision for the NMED Secretary's signature. Ultimately, the final remedy for the Mixed Waste Landfill included a four-layer evapotranspiration cover, extensive soil, groundwater and soil vapor monitoring and a requirement that Sandia evaluate the effectiveness of the final remedy every five years.

Based on her extensive field experience, the NMED Cabinet Secretary asked her to lead the inspection team that performed the final inspection of WIPP (prior to reopening) following the February 2014 breached drum event. Following a week-long series of visual inspections of the facilities and performing document reviews, Ms. Roberts approved for the site to resume operations.

Ms. Roberts had several highly recognized accomplishments during her tenure as RPD Director. She successfully negotiated/authored the following agreements and/or regulatory documents:

- 2016 Compliance Order on Consent (Consent Order) for LANL legacy cleanup activities. This is the regulatory document which drives the scope of the LANL legacy cleanup program. This document was an innovative approach to cleanup because it provided a framework for organizing work ("Campaign Approach"), facilitated cooperation between LANL and NMED, and promotes focused attention on cleanup activities and attainable results.
- Settlement agreements between the State of New Mexico and the DOE for both LANL and WIPP for violations of RCRA (due to the WIPP event).
- Oversaw development of the Work Plans and Scope and Guidelines documents for the Supplemental Environmental Projects and Triennial Reviews at WIPP and LANL.
- First ever Cooperative Agreement and Memorandum of Agreement with the United States Air Force for \$750K in supplemental fees to fund NMED staff.
- Settlement of legal mediation with Western Refining, Inc. for violations of RCRA.

Group Leader – Los Alamos National Laboratory (LANL)-Environmental Programs
Los Alamos, NM

September 2010-December 2014

Served as Group Leader for the Regulatory Support and Performance group within the Associate Directorate for Environmental Programs (ADEP) at LANL. Responsible for interpretation, development and implementation of laboratory wide regulatory programs under RCRA and the Clean Water Act (CWA), including strategic direction and implementation. Her management of regulatory matters for the ~\$3B/yr LANL missions were diverse and vital to success of both environmental and national security missions of the laboratory. Managed performance evaluations and work assignments for 20 people. Managed regulatory support and deliverable compliance for legacy cleanup work conducted under the Consent Order, CWA and the processing and shipping of hazardous waste associated with those projects. Projects where Ms. Roberts' group was responsible for regulatory compliance and strategy ranged from the decontamination and decommissioning work at TA-21, to implementing the presumptive remedy at Material Disposal Area (MDA) B, to both major groundwater cleanup projects (i.e., chromium and RDX). Acted as primary liaison between LANL, state agencies and stakeholders including elected officials, community groups, and Native American Pueblos bordering LANL on a wide range of environmental compliance issues. Negotiated with state and federal agencies (e.g., NMED, DOE, and EPA) on technical and regulatory issues related to environmental cleanup. Provided regulatory support and expertise for

remediation projects across LANL. Managed the Quality Assurance (QA) and Contractor Assurance programs and staff for ADEP. Managed budget, schedule, cost commitments and resource planning.

**Supervisor – New Mexico Environment Department (NMED)-Hazardous Waste Bureau
Santa Fe, NM**

May 2004-September 2010

Supervised four project leaders on corrective action under the Consent Order and permitting activities for LANL and White Sands Missile Range under the RCRA. Reviewed all assigned permit applications, permit modification requests, corrective action work plans, corrective action reports, and other documents submitted by LANL for evaluation of technical adequacy. Drafted correspondence such as, Notices of Deficiency, letters of approval and disapproval regarding technical and regulatory adequacy issues, Notices of Violation, and other compliance and enforcement documents. Inspected, toured, and consulted with LANL regarding various corrective action sites. Frequent interactions and meetings between DOE (and its contractor).

**Environmental Compliance Analyst – Hawk Engineering, P.C.
Binghamton, NY**

June 2001-November 2003

Completed Environmental Assessment Forms, Draft Environmental Impact Statements (DEIS) and Phase 1 Environmental Site Assessments; performed annual inspections for landfills involved in post-closure care activities and supervised drilling operations, evaluated soil samples and supervised installation of groundwater monitoring wells.

EDUCATION

Master of Science, Environmental Management, 2011, Duke University

- Masters' Thesis – *“Public Participation in the Environmental Permitting Process: Development of a Public Involvement Plan (PIP) for Stakeholders in Northern New Mexico”*

Bachelor of Arts, Environmental Geography, 2001, Colgate University

SPECIAL TRAINING

- OSHA-40 Hour Hazwoper
- RCRA Hazardous Waste Regulations
- Former Q Clearance

BOARDS/MEMBERSHIPS/AWARDS

- Secretary, Regional Institute of Health and Environmental Leadership (RIHEL), 12/2017 – present
- Alumni Council, Chair – District Clubs Committee, Colgate University, 2010-2014
- Panelist – Colgate Sophomore Connections program. Program provides second-year students an opportunity to explore their academic and career interests through conversations with alumni, faculty, staff, and upperclassmen. 2005 - present
- Maroon Citation – 2016. Awarded in recognition of significant and invaluable personal (i.e., record of service) contributions to Colgate University.

- President, Colgate Alumni Admission Program (AAP) of New Mexico. AAP members volunteer as representatives at college fairs, by conducting informational interviews, and by helping with area receptions for prospective and accepted students. Members of the AAP serve as primary resources for prospective students.
- President, Colgate Alumni Club of New Mexico