

Caitlin W. Jelle, P.E.
Project Engineer

Professional Experience

Ms. Jelle is a Professional Environmental Engineer with five years of environmental consulting experience. Her areas of expertise include Phase II environmental site assessments (ESAs), remediation of hazardous and regulated wastes in soil, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site documentation and remediation, and characterization and management of non-hazardous and regulated wastes. Ms. Jelle's responsibilities have included comprehensive work plan and report preparation, regulatory liaison, regulatory reporting, permit preparation, and project management as well as field activities including environmental media sampling, drilling oversight, excavation oversight, health and safety management, and site superintendent.

Project Experience

Select Private Client Experience

- **Silver City RV Resort, Carson City, NV** – Project Engineer responsible for planning assessment activities, preparing work plans, receiving and interpreting data, liaising with the regulator and client, and preparing after action reports. Work also included overseeing advancement of soil borings, collecting soil and groundwater samples, geological classification of onsite soils, reviewing planned remediation system and performing calculations for design parameters
- **Al Park Petroleum, Multiple Sites, NV** – Project Engineer responsible for designing a product recovery system for gasoline and diesel located on the water table, preparing state petroleum fund documents, reviewing and providing designs for upgraded remediation systems including air sparge and soil vapor extraction, preparing quarterly groundwater monitoring and remediation system reports for four active sites (Elko, Battle Mountain, Crescent Valley, NV), performing Mann-Kendall trend modeling, and working with the client on other immediate response releases.
- **Multiple Private Gas Stations, Reno, NV** – Project Engineer responsible for preparing a comprehensive work plan, executing the Phase II ESA including drilling oversight, soil and groundwater sample collection, and onsite geological classification of soils, regulatory and client liaison, preparing the report, and planning for further investigation activities.

Project Experience

Select Federal Contract Experience

- **U.S. Army Corps of Engineers, Fort Wainwright, AK** – Sole Project Engineer on a pilot scale test for a vapor intrusion mitigation system on Fort Wainwright, Alaska in a residential duplex subdivision. Responsibilities included initial concept design and the white paper proposal. Other key responsibilities included designing the system, planning, scheduling, and performing the program, managing the subcontractor, and analyzing and reporting the results.
- **U.S. Army Corps of Engineers, Fort Wainwright, AK** – Project Engineer and technical lead for the environmental response and construction support activities on Fort Wainwright in

Fairbanks, Alaska. Key responsibilities included planning and overseeing all remedial and environmental emergency response field activities, sampling environmental media including air, soil, and groundwater, receiving and interpreting data to determine necessary remedial actions, managing civil subcontractors, mentoring new employees, liaising with the clients and state/federal regulators, and preparing work plans and after action reports for all activities.

- **Air Force Center for Engineering and the Environment, Port Heiden, AK** – Lead onsite project engineer and quality control representative for the ongoing road remediation and rebuilding efforts in Port Heiden, Alaska. Key responsibilities included daily quality and oversight activities, providing safety leadership, resolving technical field problems, interpreting data and planning daily construction and excavation activities, scheduling field personnel, providing field cost control, managing civil subcontractors, and preparing work plans and after action reports. Additional responsibilities included liaising with the clients and regulators to determine the path forward when there were changes due to field conditions and unexpected findings.
- **Air Force Center for Engineering and the Environment, Unalakleet, Alaska** – Staff engineer and waste manager for the environmental remedial action in Unalakleet, Alaska. Responsibilities included interpreting data to direct remediation activities, designing a management and tracking system for all waste streams, managing civil subcontractors, managing Toxic Substances Control Act (TSCA) regulated contaminated soil, and creating shipping documents. Additional responsibilities included coordinating shipping logistics for waste from the remote village via barge.

Education

B.S., Environmental Engineering, University of Nevada, Reno, 2008.

Certifications and Registrations

Professional Engineer – Environmental, Alaska, #106603

Professional Engineer – Environmental, Nevada, #024221

OSHA, 29 CFR 1910, 40-Hour and Annual 8-hour, Hazardous Waste Operations and Emergency Response (HAZWOPER).

Supervision of Hazardous Waste Operations

OSHA Construction Outreach – 30 Hour Training

Niton XRF Certified Operator

Adult First Aid/CPR