

ERIC D. POPKEN, P.G.

Education

MS – Geological Sciences, Wright State University, Dayton, Ohio, 2005

BS – Geology, State University of New York at Binghamton, 2003

Professional Licenses

Professional Geology License – New York (#000967)

Specialty Training and Certifications

Loss Prevention System (LPS)

OSHA HAZWOPER – initial, refresher, and supervisor

Service Station Contractor Safety Qualification Program – API

Hazardous Waste and Non-Hazardous Training – RCRA

Training for Safe Transportation of Hazardous Materials (including Hazcom) – DOT 49 CFR 172.704

America's Boating Course – US Coast Guard Auxiliary

First Aid and CPR/AED – American Red Cross

Professional Affiliations

Air and Waste Management Association, Niagara Frontier Section Member

New York State Council of Professional Geologists, Member

Professional Experience

Mr. Popken is a Project Manager specializing in groundwater and environmental services, including Phase I and II Environmental Site Assessments, Remedial Action Plans and Construction Work Plans, Periodic Review Reports, hazardous waste management, routine site monitoring reports, and spill and site closure requests.

He is experienced with active and former retail petroleum sites, petroleum distribution terminals, landfills, inactive hazardous waste disposal sites, dry cleaners, industrial facilities, residential properties, state superfund sites. He also has experience with a wide range of contaminants including petroleum LNAPL, chlorinated solvents, pesticides, herbicides, PCBs, and metals.

Mr. Popken also has experience overseeing and executing environmental field activities, including soil boring/monitoring well installation in both soil and bedrock, UST & soil remedial excavation oversight, installation of remediation system components, soil vapor intrusion sampling & mitigation, and community air monitoring.

His prior experience includes stewardship of company and client required health & safety standards, including the Loss Prevention System (LPS) - an industry leading behavior-based health and safety management system widely used by major petrochemical corporations.

Mr. Popken has provided internal company-wide program management of a state standby investigation & remediation contract. Mr. Popken was responsible for preparation of contract

submittals, payment resolutions, internal contract compliance, optimization of staff utilization, and stewardship of assigned internal project managers with the nuances of contract stipulations.

Notable projects in which Mr. Popken has been involved are described below:

Portfolio Management of Retail Petroleum Stations. Managed portfolio of retail petroleum sites with annual budget of \$500,000.00. Conducted assessments and developed remedial action plans to mitigate impacts. Performed groundwater monitoring well installation, water and soil sample collection, technical data interpretation, and reporting. Remediation technologies included excavation, SVE, vacuum enhanced groundwater extraction, and ISCO. Project management included contact with state regulators and third-party property owners, proposal and work plan preparation, and budgeting. Advocated on behalf of client for closure of some cases or reduction in scope of work, leading to cost savings/liability reduction for the client.

No. 6 Fuel Oil Underground Storage Tank Removal, Buffalo, NY. Managed decommissioning and removal of orphaned 9,000-gallon steel UST containing approximately 3,000 gallons of No. 6 fuel oil. Winter temperatures had increased the already high viscosity of the No. 6 oil, rendering the oil unfeasible to be pumped or vacuumed for recycling in a timely manner. Oil was manually removed from the UST using an excavator bucket, solidified using sawdust, and staged in lined roll-off dumpsters for transportation to disposal facility, where it was further solidified prior to disposal. The UST was cleaned (utilizing the sawdust as an abrasive), removed, and transported for recycling. Contaminated soil was removed from the tank excavation and transported for landfill disposal.

Site Investigation at Inactive Hazardous Waste Dump Site. Developed and executed site investigation scope of work (on behalf of NYSDEC) at an inactive hazardous waste disposal site containing materials originally from the Love Canal site including chlorinated VOCs, SVOCs, metals, pesticides, and herbicides. After conducting site reconnaissance, collected surface-water and soil samples, and installed and sampled monitoring wells/soil borings to delineate subsurface impacts. Data locations in heavily-wooded marshland were tied into a GPS database. Site investigation report was used by NYSDEC to leverage the PRP to enact corrective actions. Project was completed on time and within budget.

Soil Vapor Intrusion Investigations and Mitigation. Conducted numerous soil vapor intrusion investigations at residential and commercial sites in associated with both petroleum and non-petroleum sites. Worked with clients and regulators to develop and execute mitigation of potential exposure, including installation of several sub-slab depressurization systems.

Remedial Excavation and Monitoring, Grand Island, NY. Managed a \$136,000 remedial excavation for a public authority in New York State in the vicinity of an interstate bridge crossing the Niagara River. Scope of work fell under budget, and strong communication was provided with NYSDEC on behalf of the client before, during, and after the excavation work was completed. NYSDEC issued closure of the spill case after post-excavation quarterly groundwater monitoring and a meeting with NYSDEC advocating on behalf of the client.

Stream Bank Stabilization and Restoration at Former Landfill Site. Managed and executed stream bank stabilization and restoration project adjacent to an inactive hazardous waste-disposal site. Site was a former municipal landfill located adjacent to a creek that was eroding the contaminated shoreline. Scope of work consisted of contaminated soil removal, and installation of rock toe protection, filter fabric, coir logs, and plantings. Silt curtains were utilized and periodic monitoring of turbidity was conducted to prevent further contamination into the creek. Project was completed on time and on budget.