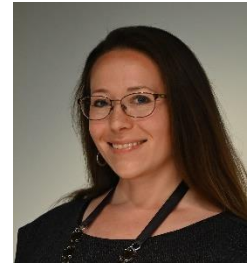


RACHEL K. MCSHANE, L.E.P.

## Education

MSc – Environmental Studies, Antioch University, 2008  
BA – Anthropology and Biology, Whitman College, 2002



## Professional Licenses

Licensed Environmental Professional (national)

## Specialty Certifications

HAZWOPER 40 hour  
CPR/First Aid Certification

## Professional Affiliations

Environmental Bankers Association (Affiliate Member)  
International Society of Technical and Environmental Professionals

## Professional Experience

As a Project Director, Rachel McShane is responsible for performance / technical review of environmental due diligence projects (Phase I and II Environmental Site Assessments) and National Environmental Policy Act (NEPA) environmental assessments, as well as providing oversight of remedial action projects, vapor studies, solid waste management programs, landfill gas and leachate monitoring, asbestos and lead based paint surveys, and all other work performed out of the St. Louis, Missouri regional office for Business Unit 27 (Central US). She is also responsible for hiring and training staff, developing and growing relationships with new and existing clients, and contributing to company-wide due diligence standardization efforts. Ms. McShane works closely with SCS's national and regional clients, both from local, state and federal government and the private sector.

Projects Ms. McShane has been involved in at SCS and in her prior consulting career typically have involved remedial investigation / feasibility studies, due diligence investigations, site investigations, environmental studies, and brownfields redevelopment. Facilities have included a wide range of residential, commercial and industrial sites throughout the United States, ranging in size to single <1 acre retail parcels to multiple hundred-acre Superfund sites. Project sites have also included fuel storage facilities, vehicle maintenance facilities, bulk oil storage facilities, chemical processing and large scale manufacturing plants, active and closed mining sites, abandoned chemical disposal sites, and formerly used defense sites (FUDS). Chemical contamination encountered in soil, soil vapor and groundwater media has included petroleum, heavy metals, dioxin, pesticides, PCBs, and solvents.

Rachel has also overseen radon, indoor air quality, asbestos and lead base paint, and household hazardous waste (HHW) inspections/testing, and helped prepare Stormwater Pollution Prevention Plans (SWPPP) and Spill Prevention, Control and Countermeasure (SPCC) plans.

## Project Experience

### City Government

**St. Louis Board of Public Service:** Environmental Professional providing environmental due diligence services, tank closure oversight, groundwater monitoring, SPCC Plans, and oversight of lead-based paint and asbestos inspections throughout the city of St. Louis, Missouri for member departments including streets, parks, water division, and Lambert St. Louis International Airport.

**St. Louis Housing Authority:** Environmental Professional providing due diligence and building services (ACM/LBP/radon/mold/HHW) inspections for planned demolitions, new-builds and renovation projects for multi-family Section 8 developments in the city of St. Louis, Missouri.

**St. Louis Development Corporation:** Environmental Professional providing due diligence and remedial services to assist in SLDC's mission of community revitalization efforts in the city of St. Louis, Missouri, often in partnership with the Land Reutilization Clearance Authority (LRCA).

**St. Louis Metropolitan Sewer District:** Environmental Professional providing emergency response and engineering services for utilities installation projects throughout St. Louis.

### State Government

**Missouri Housing Development Commission:** Environmental Professional in charge of partnering with MHDC and multi-family development agencies on Low Income Housing Tax Credit (LIHTC) projects, which require a range of due diligence, NEPA, and building services (ACM/LBP/radon/mold/HHW) inspections throughout Missouri.

**Illinois Housing Development Authority:** Environmental Professional in charge of partnering with MHDC and multi-family development agencies on Low Income Housing Tax Credit (LIHTC) projects, which require a range of due diligence, NEPA, and building services (ACM/LBP/radon/mold/HHW) inspections throughout Illinois.

**Missouri Department of Natural Resources:** Environmental Professional providing technical assistance to the MDNR tanks section overseeing leaking underground storage tank (LUST) sites throughout the state of Missouri. This included preparation of UST Closure Reports, MRBCA Tier I and II Evaluations, Quarterly Groundwater Monitoring Reports, Plume Stability Evaluations, Remedial Action Plans, Remedial Action Completion Reports, and other submittals.

### Federal Government

**US Army Corps of Engineers (USACE) – Louisville District.** Environmental Professional assisting with RI/FS at Former Victory Ordnance Plant in Decatur, IL.

**US Army Corps of Engineers (USACE) – Kansas City District.** Environmental Professional assisting with vapor intrusion study at Kirksville Air Force Station (P-64) in Kirksville, MO to address known subsurface contamination consisting of petroleum and chlorinated solvents.

**US Army Corps of Engineers (USACE) – St. Louis District.** Environmental Professional assisting with stormwater management project at Weldon Springs Training Area in Weldon Springs, MO.

**US Environmental Protection Agency (USEPA) – Region 5.** Environmental Professional assisting with Superfund Technical Assessment and Response Team (START) contract as a subcontractor to Weston Solutions for addressing a range of contaminated sites including Premcor-Hartford IL site (petrochemical contamination), drum removal at an abandoned plating facility in Highland IL, and a Phase II ESA followed by remedial activities at Clayton Chemical in Sauget IL.

**US Environmental Protection Agency (USEPA) – Region 7.** Environmental Professional assisting with Regional Oversight Contract as a partner to Chamberlain Group to provide ID/IQ contract oversight and technical support including document review, groundwater modeling, split sampling activities, and logistical support to EPA for their oversight / enforcement of RCRA and CERCLA activities at active, closing and former federal facilities throughout Missouri and Kansas. Also involved in lead sampling and remedial activities at former lead mining sites in Missouri (Desloge, Potosi and Bonne Terre), as well as Mini-START contract performing preliminary assessments for four Kansas FUDS properties.

## **Private Sector**

**Ameren UE:** Project Manager / EP responsible for performance and oversight of a wide range of services including emergency response, Phase I and II ESAs, LBP testing and abatement, safety audits, and remediation projects throughout Missouri and Illinois.

**McCormack Baron Salazar:** Project Manager responsible for performance and oversight of due diligence, building inspections, ACM/LBP/HHW surveys, and remediation/abatement activities at numerous locations in the City of St. Louis MO and Kansas City, MO. Examples include a 7-block area within the historic Kansas City Jazz District, Vashon/Jeff Vander Lou Neighborhood, Blumeyer Redevelopment Project (in partnership with St. Louis Housing Authority and HUD), Arlington Grove Apartments (redevelopment of a historic William B Ittner school), and Murphy Park Development.

**East St. Louis School District 189:** Environmental Professional responsible for performance and oversight of LBP/ACM inspections, environmental due diligence services, UST consulting services (removal and remediation), IAQ surveys, and remedial design and contractor oversight in partnership with Illinois EPA and Illinois Department of Public Health for over 26 schools within the district.

**Kansas City Southern Railroad:** Project Manager responsible for performance of due diligence services at various locations, notably in Mississippi.

**Coca-Cola:** Project Manager responsible for performance of due diligence, remedial action, and UST services nation-wide, notably in Florida, Missouri, Washington and Maryland.

**Servion Commercial Loan Resources:** Group Manager / Corporate POC responsible for oversight, technical review, and quality assurance of due diligence projects (ranging from records search for risk assessments to Phase I ESAs) on sites throughout the United States for collateral monitoring program.

**Crown Castle:** Group Manager / Corporate POC responsible for oversight, technical review, and quality assurance of due diligence projects (Phase I and II ESAs), endangered species assessments, wetland delineations, demolition and construction oversight, and LBP testing on telecommunications tower sites throughout the United States.

**Conventional and Government Backed (SBA) Lenders:** Group Manager / Corporate POC responsible for a wide range of due diligence services for local, regional and national lending institutions throughout the US who were engaging in commercial real estate transactions.