

Project Manager & Staff Scientist

### FIELDS OF EXPERTISE

Project Management, Environmental Science and Chemistry, Data Management, Health & Safety

### HIGHLIGHTS OF EXPERIENCE

Ms. Schell has over 5 years of experience in environmental consulting as a project manager and staff scientist. Her primary areas of expertise include project management, health & safety training, field services coordination and scheduling, environmental chemistry, historical data evaluation, report preparation, site characterization and remediation planning. Below is a sampling of Ms. Schell's key project experience.

- Project management, regulatory and client communications
- Environmental data management, historic and trend evaluation of groundwater data: Collected, organized and presented data for soil, sediment, surface water and groundwater. Performed trend analysis and exceedance monitoring for all data.
- Waste Disposal Profiling: Contact with disposal facilities and laboratory, sampling of media, management and presentation of data to facility for approval.
- Superfund Compliance Management: Provided oversight and management on sampling schedules, laboratory check-ins, review of analytical data and presented in reporting to PADEP, NJDEP, USEPA and client for multiple Superfund sites. Management of site groundwater wells, remedial and recovery systems for proper function and coordinating repair or investigation if needed.
- Emergency Response and Management: Sampling and excavation oversight on a range of emergency response measures including leachate, acid and petroleum product releases. Final reporting to regulatory agencies.
- Data Quality Assessments: Review of laboratory quality control data to verify if the data is useable. Preparation of report under NJDEP Guidelines.
- PFAs consultation, sample planning and reporting: Consultation with client, laboratory contact, meeting with regulatory agencies, drafting sampling plan, data analysis and reporting to agency and client. Attendance at National Conference for PFAS at University of Minnesota, 2018.
- Soil, groundwater, surface water and soil vapor sampling for site characterization of contaminated sites: Sampled former and current gasoline stations for site investigations.
- Groundwater and leachate sampling for active landfill compliance: Coordinating with laboratory and management of sampling team
- Permitting of active waste management operations: Completing the required forms for final permit.
- Phase I Environmental Site Assessments, Preliminary Site Assessments including the collection of background information, regulatory records, site visits, aerial photograph interpretation, Department of Environmental Protection file review and report preparation,
- Phase II Environmental Site Assessments: Managed Soil/Groundwater/Soil sampling and reporting to client
- PA Act 2 Site Characterization and Reporting
- Annual and Semi-Annual Report Preparation of Active and Closed Landfill Sites in Pennsylvania, New Jersey and Delaware
- Groundwater Nitrate Modelling for land planning
- Electronic Data Deliverable Preparation, Review and Submission
- GIS and database management
- Macroinvertebrate studies, Stream health assessments
- Hazard Communication
- Health & Safety Coordinator: Development and Training of Employees

## **EDUCATION**

M.S. Environmental Protection & Compliance Management, Saint Joseph's University, Philadelphia, PA, 2017  
B.S. Environmental Science, Muhlenberg College, Allentown, PA, 2015. Minors: Chemistry and History

## **CERTIFICATIONS & TRAINING**

40 Hour Hazardous Waste Operations (OSHA 1910.120)

8 Hour Hazardous Waste Operations Refresher (OSHA 1910.120)

Confined Space Training (OSHA 29CFR 1910.146)

Rutgers University Resiliency Training

Rutgers University Remediation Strategies and Technology of Environmental Contamination

Pennsylvania Vapor Intrusion (VI) Guidance Training

Pennsylvania Department of Environmental Protection Act 2 Training

Member of Society of Women Leaders, Philadelphia Chapter

## **RESEARCH EXPERIENCE**

- Application of Atomic Absorption to Determine Trade of Maine Brick from Archeological Site (1763-1811), 2014-2015
- Synthesis and Study of Peptoid-NSAID Conjugates with Enhanced Membrane Permeability, 2012-2014, American Chemical Society (ACS) Presenter, 2015; Lebanon Valley College Presenter, 2013
- Collections and Research Department for the Delaware Museum of Natural History; Mollusk and Invertebrates Specialist, 2014