

Bryan Allen, GIT

**Hydrogeology
Contaminated Site Assessment**

EDUCATION

BS, Geology, Portland State University, Portland, OR, 2016

MS, Geology, Portland State University, Portland, OR, 2019

REGISTRATIONS AND CERTIFICATIONS

Geologist in Training, Oregon, No. T2512

OSHA 40-hr Hazardous Waste Operations and Emergency Response (HAZWOPER)

CAREER SUMMARY

Mr. Allen is a geologist with eight years of professional experience. His practice focuses on site investigation and remediation at sites with soil and groundwater impacted with chlorinated solvents and in due diligence. He possesses practical experience in hydrogeological and geochemical site characterization, Phase I, Phase II, Baseline Environmental Assessments of property transfer for industrial, commercial, and municipal clients, and field sampling. He is a key team member for diverse projects for commercial, private industrial, and government clients.

Environmental Site Characterization and Remediation Project Experience

2021 to 2023. RCRA Facility Interim Remedial Measure Implementation, Field Manager/Geologist, Confidential Client, Flint, MI. As a key team member, assisted with the design of a full-scale source area treatment system using enhanced reductive dichlorination to treat groundwater impacted with TCE. Managed and provided oversight of the pre-design investigation to refine the vertical and horizontal extent of the chemicals of concern through installation and sampling of soil borings, monitoring wells, and using membrane interface probing data.

2022 to 2023. Superfund Site Pre-Design Investigation, Field Manager/Geologist, Confidential Client, Dayton, OH. As a key team member, assisted with the design and implementation of a pre-design and hydrogeological investigation. Site has TCE in groundwater at concentrations greater than 500 ppm. Managed the investigation which included the installation of over 30 soil borings and 15 monitoring wells to refine the

vertical and horizontal extent of TCE. Soil borings and wells were installed using sonic drilling techniques to depths of 100 feet below surface grade.

2023. Site Remediation, Field Manager/Geologist, Confidential Client, Saginaw, MI. Managed groundwater bioremediation implementation utilizing enhanced reductive dichlorination in-situ treatment. Amendment was injected in key areas where residual chlorinated solvent impacts remain in groundwater. Direct-push drilling techniques were used to deliver amendment to the target intervals.

2020 to 2023. MNA at Former Particleboard Plant, Project Manager/Geologist, Confidential Client, Gaylord, MI. Managed long-term monitored natural attenuation of nitrate/ammonia impacted groundwater at a former particleboard manufactory plant following oxygenation of the groundwater. Responsibilities included development of proposals, task management, staff oversight, planning, sampling implementation, and reporting. Provided annual assessment of MNA performance and provided recommendations for scope reduction as MNA progressed.

Property Transfer

2019 to 2023. Phase I and II ESA, Confidential Client, Various Locations. Led the team that managed a Phase I ESA portfolio of vehicle dealerships across the country. Performed Phase II ESAs to investigate Phase I findings typically vertically and horizontally delineating sub-slab vehicle lifts and conveyance lines. Responsibilities included planning and managing field investigations and reporting.

2022. Phase II ESA, Confidential Client, Saline, MI. Performed a Phase II ESA investigation on an unregulated landfill. Responsibilities included planning and managing field investigations and reporting. Delineated the vertical and horizontal extent of impacts through installation and sampling of soil borings and temporary monitoring wells. Performed additional assessment for the handling of contaminated media for development by the municipality.

Landfill Monitoring

2021 to 2022. Municipal Waste Landfill Cap Construction, Confidential Client, Davison, MI. Managed development of pre-bid design, schedule, budget, and contractor selection. Provided contractor oversight of the implementation of cap improvements on a 20-acre landfill. Coordinated site inspections with regulators and provided routine progress reports.

2021. Municipal Waste Landfill System Upgrade, Confidential Client, Ann Arbor, MI. Managed the design and construction of an upgraded purge well discharge conveyance line to address 1,4-dioxane plume expansion.

2020 to 2022. Industrial Waste Landfill Monitoring and Reporting, Confidential Client, Kalamazoo, MI. Responsibilities include planning and managing field investigations, reporting, and client and regulatory communication.

PROFESSIONAL EXPERIENCE

Geosyntec Consultants, Ann Arbor, MI, 2023-Present

Tetra Tech, Ann Arbor, MI, 2019-2023

City of Portland, Portland, OR, 2015-2019