

1 SUMMARY

Environmental Engineer (PE) with 8+ years of experience evaluating environmental liabilities, conducting brownfield due diligence, developing remedial strategies and supporting redevelopment of brownfield properties. Strong background in soil, groundwater, sediment, and vapor mitigation systems with prior experience in interpreting environmental data to assess risk, regulatory compliance, construction constraints, and redevelopment feasibility. Skilled in managing consultants, developing investigation and remediation scopes and communicating findings to regulators and construction teams.

2 EDUCATION

Michigan Technological University
MS Environmental Engineering | GPA=3.94

Houghton, MI
09/14-04/17

Jawaharlal Nehru Technological University
BS Civil Engineering | GPA=4.0

Hyderabad, India
09/08-05/12

3 CERTIFICATIONS

- Licensed Professional Engineer (PE), Michigan 03/2020- Present
Civil: Water Resources and Environmental Engineering
- OSHA 40 Hour HAZWOPER 06/17-Present

4 WORK EXPERIENCE

Project Engineer | Anderson Eckstein & Westrick Inc. | Shelby Township, Michigan | 06/21- Present

Lead environmental due diligence, remediation strategy and regulatory coordination for closed landfills including a Superfund site and brownfield redevelopment strategy

- Develop investigation and remediation work scopes, manage consultants, and interpret findings to guide corrective measures.
- Serve as primary liaison with EGLE and EPA, negotiating compliance pathways, presenting remedial strategies and maintaining strong regulatory relationships.
- Meet and work with contractors to resolve project construction issues.
- Optimize hydraulic control and O&M strategies to reduce lifecycle costs and improve remedy performance.
- Support annual budgeting and provide environmental cost estimates for remediation, monitoring, and construction-related environmental controls.
- Lead the NPDES and GLWA compliance programs.

Technical Professional | Wood E&IS | Novi, Michigan | 09/19-05/21

- Performed feasibility and performance evaluation of treatment and remediation systems
- Provided contractor oversight for system installs and remediation projects (source removal excavation, contaminated materials removal, vapor mitigation systems).
- Prepared contractor bid specifications for environmental projects
- Drafted written communications such as: basis of design, system operation & maintenance (O&M) manual, sub-contractor bid proposals, letters and memos to regulatory agencies.

Environmental Engineer | Arcadis U.S.Inc. | Novi, Michigan | 06/17-08/19

- Conducted field work for site investigations to make remedial and compliance assessments (storm sewers, streams, ditches, sediments, catch basins, manholes and culverts)
- Prepared environmental permit documents for clients
- Provided contractor oversight for remediation system maintenance, repair and construction related activities.
- Operations, management and maintenance of existing remediation systems, component inspection, troubleshooting and replacement

Graduate Research Assistant | Michigan Technological University | Houghton, MI | 08/14-04/17

- Performed laboratory bench-scale experiments on UV/Hydrogen Peroxide Advanced Oxidation Processes to evaluate treatment feasibility of organic contaminants
- Worked on a computational simulation to model contaminant degradation and byproduct formation to derive comparison between predicted and experimental results

**Publications from graduate research work are listed in Resume Addendum*

Resume Addendum

Brownfield Redevelopment

- Assessed environmental liabilities, demolition constraints and contaminated material handling requirements and made project determinations in coordination with EGLE
- Developed Preparation of work plans, basis of design, progress reports, technical reports, memos, and letters
- Provided cost estimates and supported grant reimbursement support

Project Management

- Lead meetings with clients to identify project objectives, specifics, budget, resourcing and timelines
- Track project progress and meet with staff for timely completion of milestones and deliverables
- Lead meetings with regulators at EGLE and EPA to discuss and resolve site issues

Permitting and Compliance

- Preparation and compliance tracking of documents for NPDES, Joint Permit Applications, GLWA discharge, and waste manifesting.
- Assist clients with tracking their compliance metrics and submitting pertinent reports to regulatory agencies.