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#### **CREDENTIALS**

- ◆ B.S. Geology, Morehead State University
- ◆ Registered Professional Geologist - KY #283028
- ◆ 40-Hr OSHA HAZWOPER Certification
- ◆ 40-Hr Radiation Safety Officer Certification
- ◆ ASTM E1527 Environmental Professional

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#### **PROFESSIONAL EXPERIENCE**

- ◆ 2023 - Present: ALL4 LLC, KY – Managing Consultant
- ◆ 2022 – 2023: ALL4 LLC, KY – Consulting Scientist
- ◆ 2020 – 2022: ALL4 LLC, KY – Project Scientist
- ◆ 2017 – 2020: Smith Management Group, KY – Environmental Scientist
- ◆ 2013 - 2017: SRG Global, KY – Environmental Engineer

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#### **TECHNICAL EXPERTISE**

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|---|---|
| ✓ On-site hazardous waste storage compliance auditing                         | ✓ Assist in Development and Managing ISO 14001 EMS                                  |
| ✓ Managed Hazardous Waste Program for Large Quantity Generator                | ✓ Prepare EPCRA Tier 2 & Toxic Release Inventory (TRI-Form R) reporting submissions |
| ✓ Perform Internal Audits of ISO 14001 Environmental Management Systems (EMS) | ✓ Assist with Development and Revision of   |
| ✓ Managed an Industrial Wastewater Treatment Plant                            | ✓ Stormwater Pollution Prevention Plans, (SWPPP) Spill Prevention, Control and      |
| ✓ Preparation of Industrial Discharge Monitoring Reports                      | ✓ Groundwater Protection Plans (GPP)  |
| ✓ Groundwater Monitoring and Remediation                                      | ✓ Delineation of Groundwater Contaminants   |
|   | ✓ UST and State Superfund Investigations and Remedial Assistance                    |

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#### **PROFESSIONAL OVERVIEW**

Derek Howard is a Managing Consultant who brings his experience from Environmental Management in the Automotive Manufacturing Industry where he worked for a Tier 1 Automotive Company. Derek was responsible for Compliance Permitting that included managing compliance with Large Quantity Generator of Hazardous Waste Permit, Title V Air Permits, KPDES Permits, and Industrial Pretreatment Permits.

Derek developed an Electronic Environmental Monitoring System to continuously monitor and record all operational parameters required by the Title V permits.

Derek joined ALL4 through the Smith Management Group acquisition in 2020. He continues to bring a depth of knowledge to the ALL4 team where his input and background proves to be an asset on a variety of projects. In his role at ALL4, Derek has served on a variety of project teams, gaining experience in several industries such as adhesive and sealant manufacturers, injection molding, stamping, distilleries, healthcare facilities, cement manufacturing, warehousing and distribution, and chemical manufacturing. He has performed audits of various practices including waste management, chemical management, ISO 14001, and general compliance. He has performed Phase I and Phase II Environmental Site Assessments for residential, commercial, and industrial properties. Derek has lead the design and implementation of remedial activities for groundwater contamination of dense non-aqueous phase liquids (DNAPL).



#### **AIR QUALITY COMPLIANCE EXPERIENCE**

Renewal and Modification Applications: *Developed calculations minor source permit renewal and modification applications for minor source permits in Kentucky*

Semi-Annual Compliance Reporting: *Prepared semi-annual reports for clients in various industries in Kentucky.*

Annual Compliance Certifications: *Prepared Annual Compliance Certifications for clients in various industries in Kentucky*

Emissions Inventory Survey: *Prepared calculations and submittal of Emissions Inventory Survey reporting for clients in various industries in Kentucky.*

Olfactory Monitoring: *Developed and implemented an olfactory monitoring program to ensure compliance with Kentucky regulations.*

#### **WASTE MANAGEMENT COMPLIANCE EXPERIENCE**

Hazardous Waste Permitting: *Prepared large, small, and very small quantity generator hazardous waste permit applications for clients in various industries in Kentucky. Industries include healthcare/hospitals, automotive, painting, plating, adhesives, glass, and forging,*

Hazardous Waste Reporting: *Prepared large, small, and very small quantity generator annual hazardous waste reporting calculations for clients in various industries in Kentucky. Industries include healthcare/hospitals, automotive, painting, plating, adhesives, glass, and forging,*

Hazardous Waste Auditing: *Conducted audits for assessment of compliance with Resource Conservation and Recovery Act regulations.*

Hazardous Waste Management: *Managed all aspects of a large quantity generator facility, including profiling, container management, manifesting, recordkeeping, and waste reduction actions.*

#### **OTHER REGULATORY COMPLIANCE EXPERIENCE**

SARA 313 Toxic Release Inventory Reporting: *Served as the lead developer for preparing annual Toxic Release Inventory reports utilizing U.S. EPA's TRIme-WEB tool for clients in various industries in Kentucky and Ohio. Activities included developing threshold and release calculations; reviewing safety data sheets used; and preparing the Form R data for submittal.*

Emergency Planning and Community Right-to-Know Act Reporting: *Served as the lead developer for preparing annual EPCRA reports for multiple clients in Kentucky.*