



CLAYTON QUEEN TECHNICAL MANAGER

CREDENTIALS

- ♦ B.S. Environmental Science, Northern Michigan University, 2015
- ♦ M.S. Physical Geography, Michigan State University, 2018

PROFESSIONAL EXPERIENCE

- ♦ 2018 – Present: ALL4 LLC, Air Quality Modeling and Monitoring Tech Team, VT – Technical Manager
- ♦ 2015 – 2018: Michigan State University, East Lansing, MI – Research Assistant

TECHNICAL EXPERTISE

- | | |
|--|--|
| ✓ Air Quality Modeling | ✓ Emergency Planning and Community Right-to-Know Act Reporting |
| ✓ Geographic Information Systems (GIS) | ✓ Stormwater Permitting/Reporting |
| ✓ Air Quality Permitting | ✓ Wastewater Permitting/Reporting |
| ✓ Air Emissions Reporting | ✓ Environmental Site Assessments |
| ✓ Air Quality Monitoring | |

PROFESSIONAL OVERVIEW

Clayton Queen started his career in environmental monitoring and research in Arctic systems and coastal zone management. At ALL4, Mr. Queen has worked in a variety of environmental media and industries with a focus on reporting and permitting. Mr. Queen's experience includes work in air quality modeling and monitoring to support air permitting and environmental reporting. Past projects have included work with clients to support compliance in air quality, EPCRA compliance, and water related issues. Mr. Queen has worked in industries including aerospace, metal foundry, metal finishing, forest products, and biogas production. In addition to compliance work, Mr. Queen utilizes his expertise in GIS and spatial analysis to support clients and projects through statistical analysis and digital solutions.



AIR QUALITY PERMITTING EXPERIENCE

Air Permit, Aerospace, VT/NY, Developer (emissions and modeling): *Permitting of air craft painting operations and testing facilities.*

Air Permit, Forest Products, MI, Project Manager: *Permitting of wood boiler.*

Air Permit, Forest Products, NH, Developer (emissions and modeling): *Permitting of wood boiler.*

Air Permit, Metal Fabrication/finishing, CA, Project Manager/Developer: *Permitting of various equipment at metal fabrication and finishing facilities including spray booths, plasma cutting, plating lines, and air pollution control equipment.*

Air Permit, Biogas Production, KS/NE/VT/WI, Project Manager/Developer/Modeler: *Permitting of biogas production facility.*

Air Permit, Data Center, OR/GA, Modeler: *Permitting of data center facility.*

Air Permit, Grain Handling, ID, Project Manager/Modeler: *Permitting of animal feed grain handling facility.*

OTHER TYPES OF EXPERIENCE

Emergency Planning Community Right-to-Know Act (EPCRA) Toxic Release Inventory (TRI) reporting, Metal finishing/mining/aerospace/metal fabrication/pharmaceutical/forest products, CA/NY/VT/MD/TX/NV/VA, Developer/Project Manager: *Complete review of facility operations to determine reporting requirements under TRI. If TRI reporting was required, completion of reporting forms and information.*

Health Risk Assessment, Metal Foundry, CA, Technical Resource: *Developed a health risk assessment to determine impacts of air toxics on the surrounding community.*

Environmental Compliance Gap Evaluation, General Manufacturing, CA/MA/VT/NY, Developer: *Worked with client to identify areas of non-compliance and ways to promote future compliance. Assisted in creating and deploying solutions to meet the facility environmental commitments and compliance needs.*

Environmental Site Assessments, General Manufacturing, CA/CT/NY, Developer/Site Investigator: *Evaluated facilities for potential environmental contamination and completed due diligence assessments.*

GIS Data Dashboard, Chemicals, USA, Developer/Project Manager: *Configured data access dashboard to assist in water stewardship and sustainability goals.*