CHEYANNE LAUX
PROJECT SCIENTIST

CREDENTIALS

- M.S., Inorganic Chemistry, University of Michigan, 2020
- B.S., Chemistry, Ohio Northern University, 2018
- Source Evaluation Society (SES)

PROFESSIONAL EXPERIENCE

- **2022-Present**: ALL4 LLC, Saginaw MI – Project Scientist, Continuous Monitoring Systems
- **2021-2022**: AECOM, Midland, MI – Air Quality Field Chemist, Emissions Measurement

TECHNICAL EXPERTISE

- ✓ Air emissions performance testing in accordance with 40 CFR Part 60 and Part 75
- ✓ Continuous emissions monitoring (CEM) system operation and troubleshooting
- ✓ Analytical Instrumentation Experience, including FTIR, GC, CEMS
- ✓ Data Acquisition Systems (DAS)
- ✓ Emissions and Process Stream Characterization
- ✓ Quality Control Measures, including calibration, equipment management, and glassware preparation
- ✓ Quality Assurance Measures, including data acquisition, reconciliation, and reporting

PROFESSIONAL OVERVIEW

Mrs. Cheyanne Laux is a Project Scientist at ALL4 with experience in source emissions testing. She has supported regulatory compliance on numerous processes through the technical knowledge of EPA Methods (40 CFR Part 60 and Part 75) during Relative Accuracy Test Audits and compliance/engineering tests. Prior to joining ALL4, her primary area of expertise was extractive Fourier Transform Infrared Spectroscopy (FTIR), with additional experience in the following instrumental methods: Gas Chromatography (GC), O_2/CO_2, CO, NO_x, SO_2, Opacity, THC, and Hg analyzers. She has participated in every aspect of the reporting life cycle, including data acquisition, reconciliation, and preparation of technical reports. Her advanced scientific background (M.S. in Chemistry) allows for thorough evaluation of test plan validity and keen insight into data processing/characterization.

Cheyanne joined ALL4 as a member of the Continuous Monitoring System (CMS) technical team to provide continued compliance support to clients. The CMS team is responsible for the procurement and integration of new monitoring systems, DAHS implementation and optimization, supporting additional monitoring requests, data evaluation, management, and reporting, as well as providing training services.

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