

## Christopher M. Hess

Quality Assurance Manager

### KEY PROJECTS

- Development and review of Laboratory Quality Assurance Manual, Industrial Hygiene Manual and Microscopy Manual.
- Maintenance of Certifications for New York State including Analytical Services Protocol, Massachusetts, Connecticut and accreditation for American Industrial Hygiene Association (AIHA). Review and completion of all certification requirements. Coordination of receipt of all proficiency samples and submission of data.
- Independent data validation for NYS DEC-ASP stand-by contract site for Volatiles, Semi-Volatiles, pesticide/PCB and Inorganics.
- Report development for Massachusetts' municipal landfill site including charting of historical data, data trends, final report writing and groundwater standards comparison.
- Method development and NYS DEC acceptance of methodology for emissions testing (GC-TCD).
- Development of reporting formats for industrial hygiene reports including multiple format results, time weighted average, PEL and exposure calculations.
- Coordinate all Standard Operating Procedures for all laboratories, including inorganics, organics and metals. Updates and revised as appropriate. Oversees all implementation of new and/or revised Standard Operating Procedures for individual laboratories.

### FIELDS OF COMPETENCE

- Groundwater/Drinking Water/Solid and Hazardous Waste
- CLP/NYS DEC ASP
- Industrial Hygiene (NIOSH/OSHA)
- Source Testing (EPA 40 CFR Parts 60, 61, 63, etc.)

### EXPERIENCE SUMMARY

- Responsible for all aspects of analytical quality control/quality assurance, including review of final reports, ASP/CLP reports, development and review of disk deliverables, review of analytical methods and maintenance of certification status. Review and approval of source testing protocols and reports.
- Twenty-four years of analytical experience includes GC/MS analysis for volatile and semi-volatile organics, metals preparation and analysis using ICP, Flame AA, Furnace AA and Cold Vapor AA techniques, analysis of inorganics in water, soil/solids/hazardous waste and air.
- Responsible for coordination of all state certifications including NELAP, New York, Connecticut and Massachusetts, as well as maintenance and renewal of AIHA (American Industrial Hygiene Association) accreditation. Coordinates all proficiency sample receipt and report submissions.

### CREDENTIALS

B.S., Chemistry, State University of New York, Albany