

## Environmental Data Analyst and Field Sampling Specialist (Geoforensics and Environmental Sampling)

Chemistry Matters Inc. is an exclusively remote office-based business and is quietly searching for self-motivated team members who are interested in working on highly technical and high-profile work. Individuals need not apply if they are unwilling to strive for perfection and continual improvement in our product and knowledge.

CMI is in search of an Environmental Data Analyst and Field Sampling Specialist to add to our growing team. The successful candidate will support our team in a routine office data analyst roll and perform analyses and evaluations validating data received from laboratory sample results, while assisting in preparing client reports and industry presentations. The ideal candidate will have a strong chemistry background with a science degree, strong familiarity with environmental laboratory analytical protocols, strong database and data handling skills, solid knowledge and understanding of univariate and multivariate statistics, very good written and oral communication skills, and an aptitude to learn data software applications quickly. This position also involves management of projects and coordination of workflow to meet sometimes expedited deadlines.

This position will also involve field work as required (estimated to be 15-25% of time). The individual will provide field sampling support for all projects with specific specialty of soil gas sampling, surface casing vent sampling, arson investigation fire debris sampling and legal environmental matrix sampling. Training and support will be provided for successful candidates to aid them in the execution of their duties to provide unquestionable legal chain of custody sampling and documentation.

### Job description

1. Primary responsibilities include data validation, data review, data visualization and report writing.
2. Field sampling and field program coordination for litigious or potentially litigious cases.
3. Interpretation of environmental, forensics and geoforensics chemistry data and data quality evaluation.
4. Participation in diverse projects involving exploratory data analysis, statistical analysis modeling, study design, and data visualization
5. Pursuit of professional development, including conference presentations and journal publications, to improve professional visibility.

### Required Skills include but are not limited to:

1. BAsC or B.Sc. in Chemistry, Environmental Science, or related field, coupled with at least 3 years related consulting experience.
2. Proficiency in analytical chemistry, specifically in-depth understanding and knowledge of PCBs, PAHs, PFAS, dioxins/furans, petroleum hydrocarbons, and volatile organic compounds.
3. Proficiency in data management, analytics, and working with large data-sets, while maintaining a keen eye for detail and expert problem solving skills.
4. Highly motivated, independent worker - must be well disciplined and deadline driven.
5. Data validation experience required with strong knowledge and understanding of various scientific software used to analyze large datasets.
6. Excellent communication skills.

7. Proven fluency in office software programs (e.g., Microsoft Word® and Excel®) with experience in report writing using references and preparing presentations.
8. Consulting Services – work from home with flexible work schedule as long as core hours are generally met. Some field work and travel may be required. Applicants must have all required safety tickets. Work hours will fluctuate depending on deadlines. Must be willing to work longer hours to meet deadlines when required.
9. Virtual Office/Work remotely - staff and project meetings will be conducted through Skype and GoToMeeting. Fast internet connection will be required.

**Contact email** - Interested applicants are encouraged to submit their resume and cover letter by email to [info@chemistry-matters.com](mailto:info@chemistry-matters.com) with a cover letter that answers:

1. Why are you the best candidate for the position?
2. How do you manage work balance while working from home?
3. How do you strive to improve and increase your value/knowledge?

### **Company Description**

Chemistry Matters Inc. is a niche environmental consulting firm based in Calgary, Alberta, Canada. Specializing in geoforensics, environmental forensics, biomonitoring and arson investigations. Chemistry Matters provides expert environmental and chemistry consulting services to a variety of clients and industries. With services that are founded on chemistry principles and proper application of scientific methods, Chemistry Matters often provides expert support and expert witness services to projects involving litigious subjects. Learn more about Chemistry Matters at <http://www.chemistry-matters.com>.