



LAB MANAGER / ANALYTICAL CHEMIST JOB DESCRIPTION

Position Title: Lab Manager / Analytical Chemist
Work Location: Grande Prairie, Alberta

Date: December 21, 2021
Reports To: Director of Operations

ABOUT US:

Our culture is one that never backs down from a challenge. We provide the freedom to explore and encourage curiosity and creativity. We gain new insight from diverse thinking and take risks on new ideas. At Fluid Intelligence, we have the best and brightest working to advance more than their own career, they're working to revolutionize how we look at water.

PRIMARY PURPOSE OF POSITION:

Fluid Intelligence has an exciting opportunity for a solution-oriented **Lab Manager / Analytical Chemist** reporting to the Director of Operations. As the Lab Manager / Analytical Chemist, you will be responsible for developing and validating new methods to overcome challenges associated with analysis of high salinity waters in our brand-new laboratory. Supported by the Water Chemistry and Production Chemistry Specialists, this individual will need to be passionate about generating quality data analytics, comfortable challenging the status quo, and eager to work in a collaborative manner to overcome industry challenges. Collectively, the Fluid Intelligence team will continue to create a boutique analytical experience for our clients to support our technical consulting services. Fluid Intelligence seeks to improve the entire data integrity experience for our clients from sample collection to analysis, through value-add data interpretation. The quality of data used by our clients is of critical importance to the business decisions made on a daily basis and the Lab Manager / Analytical Chemist will play an impactful role in bringing this vision to life.

The ideal candidate for this role should be a self-starter, inquisitive, a passionate learner, and eager apply the data analytics to day-to-day operations to support our clients in overcoming production challenges. Fluid Intelligence will be seeking a candidate that is highly motivated, can solve complex problems, demonstrate scientific excellence, encompasses an entrepreneurial spirit, has a willingness to explore new areas, superior communication skills, demonstrated leadership abilities, and have a passion to make an impact. Previous experience with high salinity waters such as Geothermal Brines and/or Produced Water is beneficial but is not required.

DUTIES & RESPONSIBILITIES:

- Lead the Fluid Intelligence team in starting up the laboratory, establishing process workflows, and providing guidance for continuous improvement
- Overall management of the laboratory functions, including forecasting, budgeting, financial controls & approvals
- Collaboratively develop new processes and procedures to streamline sample processing from point of collection through to analysis, data interpretation, and reporting
- Develop and validate new methods for the analysis of high salinity waters and associated solids
- Generate high quality, defensible data, safely and on time
- Use statistical data analysis to evaluate analytical test data
- Oversee maintenance of a good working environment including ensuring analytical instruments are optimized and calibrated
- Accountable for continuous development and improvement of accurate, high-quality procedures and other competencies/skills that capture best work practices
- Ensure client expectations and project deadlines are being met
- Assess and recommend when additional resources such as staff and/or equipment are required
- Ensure employees are adhering to SOPs and work to ensure non-conformance
- Design, supervise, and document results from experiments
- Preparation and presentation of technical data to peers and clients
- Develop training content
- Promote a safe laboratory work environment and demonstrating good laboratory test/instrumentation practices

KEY COMPETENCIES & SKILLS:

- Multidisciplinary chemist with strong skills of designing, executing, and analyzing experiments independently and in collaborative teams
- Experience in test method development and validations
- Experience with preparation and analysis of water and solid samples
- Must be creative, innovative, and client focused
- Analytically competent with use of most modern instrumentation
- Detail orientated and excellent time management skills
- Strong project management skills and ability to set objectives and deliver results
- Must be flexible and able to adapt to changing work priorities and deliver high quality, accurate work with competing deadlines
- Entrepreneurial spirit combined with sound problem solving and decision-making skills
- Self-starter, motivated to initiate projects/conversations and new ideas in problem solving
- Ability to thrive both independently and in a team environment
- Interest in continuous learning to support innovative projects with demonstrated opportunities for positive economic, social, and environmental impacts
- Strong organizational, analytical, and technical writing skills are essential
- Proficient computer skills including MS Office Suite. Experience with PowerBI and/or SpotFire an asset

QUALIFICATIONS:

To set you up for success in this role from day one, Fluid Intelligence requires at a minimum, the following qualifications:

- Demonstrated commitment to Environment, Health and Safety
- Bachelor's degree, technical diploma, or higher in Chemistry, Chemical Engineering, or a related discipline from an accredited institution, completed and verified prior to start
- Valid driver's license with submission of a driver's abstract is required as a condition of employment
- Ability to travel provincially may be required but most work is local
- Applicants must be able to pass a pre-employment and site access drug tests
- Applicants must comply with all restrictions as outlined in the Public Health Orders which may vary from client to client to meet site access requirements
- Must be legally entitled to work in Canada
- Fluid Intelligence regrets that it is unable to sponsor employment Visas or consider individuals on time-limited Visa status for this position

Additional qualifications that could help you succeed even further in this role include:

- Master's degree or higher in Chemistry, Chemical Engineering, or a related discipline from an accredited institution
- Association of the Chemical Profession of Alberta (ACPA) membership or ability to register
- Prior experience working with a Laboratory Information Management System (LIMS) & Electronic Laboratory Notebook (ELN)
- Strong technical writing and verbal communication skills, excellent documentation skills, ability to work independently to complete projects, as well as work with cross-functional teams
- Proven written, verbal and presentation skills including communicating complex technical content to a range of audiences
- Previous experience providing client services is an asset
- Prior laboratory experience with International Organization for Standardization (ISO) 17025 accreditation

Interested applicants can submit a cover letter and resume to careers@fluid-iq.ca by January 21, 2022.