



Shape a place
where people
want to be

Position Title: Laboratory Technician

Position Status: Full-Time Regular

Department: Water Services

Employee Group: Teamsters Local 31

Location: Seymour Capilano Filtration Plant, North Vancouver & Coquitlam Water Treatment Plant, Coquitlam

Salary Range/ Wage Rate: PG T22 \$2,837.65 - \$3,340.08 bi-weekly

Our Water Services Department is seeking a Laboratory Technician who will work with a dedicated technical team to perform laboratory analyses in support of the operations and maintenance of Metro Vancouver's water treatment plants. This includes performing routine laboratory analyses, instrument calibration, routine instrument/equipment troubleshooting and maintenance. This position also involves reviewing of data and maintaining detailed records of work to ensure compliance of quality control standards for the region's drinking water. This position is required to work at the Seymour Capilano Filtration Plant and Coquitlam Water Treatment Plant.

You are: A self-motivated, strong team player with experience working in a laboratory setting. You are adapting with changing working environments and can work independently.

This role:

- Performs a wide variety of the routine and standardized chemical and physical testing required of the Water Quality Laboratory on water, water treatment chemicals and waste disposal samples; checks test results against established norms and refers unusual results to a superior; organizes order of daily personal workload to meet pre-determined schedules and priorities.
- Performs all chemical and physical testing in a Water Treatment Plant Laboratory on raw water, treated waters, finished water, plant process and waste samples; organizes daily personal workload to meet established schedules and to accommodate special Plant process needs and Plant operating staff requests; produces, assesses and communicates laboratory test results and observations to a superior and to Plant staff; investigates, resamples, or re-analyzes to check and confirm unusual test results, ensures that plant upsets and permit infractions are brought to the attention of a superior and the Plant manager and performs any required extra testing to monitor problems.
- Performs field sampling work related to the work of the Water Treatment Plant Laboratories.

- Prepares manual or computerized calculations, worksheets, statistics and other data and material related to the work; prepares standards and reagents, dispenses media, and maintains, operates and calibrates laboratory apparatus as required.
- Performs non-routine laboratory tests, and analyzes unusual samples, under the direction of a superior.
- Assists a superior in carrying out special projects by collecting samples, conducting laboratory tests and preparing related data and graphs, as directed.
- May assist a superior in answering routine telephone calls from the public and in training new technical staff and liaises with internal contacts such as inspectional staff and Water Treatment Plant operating staff to exchange routine information on specific samples, tests or test results.
- Participates in general laboratory cleaning and disinfection activities.
- Performs related work as required.

To be successful, you have:

- Graduation from a recognized Institute of Technology with a Diploma of Technology in a Chemistry/Environmental option, preferably a University Degree in Chemistry, and some related experience in a chemistry or environmental laboratory OR an equivalent combination of training and experience.
- Thorough knowledge of standard laboratory physical, chemical and bacteriological analytical methods and procedures related to air, soil, water and waste disposal pollution control samples.
- Considerable knowledge of the laboratory testing and field sampling schedules, methods and priorities related to the work.
- Some knowledge of the Waste Management Act and of the functions of the MVRD as applied to water/sewage/air quality.
- Some knowledge of special test procedures to analyze unusual samples or to solve unusual or complex test problems.
- Some knowledge of complex laboratory instrumentation and of sewage treatment principles.
- Ability to perform a variety of routine chemical, physical and bacteriological tests and analyses, and to prepare and maintain manual and computerized calculations, data and material related to the work.
- Ability to perform non routine laboratory tests, to analyze unusual samples, and to operate complex instrumentation under the direction of a superior.
- Ability to perform field sampling work involving physical activity and effort in all weather conditions.
- Ability to recognize unusual lab test results, to investigate, conduct further sampling and analysis for confirmation and to inform superior and plant personnel regarding same.
- Ability to assist a superior in carrying out routine aspects of special projects, in answering routine telephone requests from the public and in training new staff.
- Ability to liaise with internal contacts to exchange routine information on specific tests and samples.
- Ability to organize workload to meet established schedules and priorities and to follow laboratory testing and sampling protocols.
- Skill in the maintenance, operation, calibration and simple repair of standard laboratory apparatus and equipment.
- Valid Driver's Licence for B.C.

Our Vision:

Metro Vancouver embraces collaboration and innovation in providing sustainable regional services that contribute to a livable and resilient region and a healthy natural environment for current and future generations.

At Metro Vancouver, we are committed to cultivating a diverse, safe, equitable, and inclusive work environment for all. We strive to attract and retain a talented, diverse workforce that is reflective of the region we serve. If an accommodation is required during the recruitment and selection process, please contact careers@metrovancover.org for support. Learn more about our commitments to diversity, equity, and inclusion [here](#).

Please follow this link <https://metrovancover.org/about-us/careers> to our Careers page where you can submit your application by September 10, 2024.