



Position Title: Laboratory Technician

Position Status: Full-Time Regular

Department: Liquid Waste Services

Employee Group: Teamsters Local 31

Location: Annacis Wastewater Treatment Plant (WWTP), Delta

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

Our Liquid Waste Services Department is seeking a Laboratory Technician who will support the WWTP Process Lab. The successful candidate will start at 6:30 am or 7:00 am depending on the Plant assigned.

You are: self-motivated, able to perform physical activities such as; standing for long periods of time and lifting, organized, able to multi-task, and can work individually and within a team.

This role:

- Performs a wide variety of the routine and standardized chemical and physical testing required of the Chemistry Laboratory on air, soil, water sewage 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 Sewage Treatment Plant Laboratory on influent, effluent, digester sludge and gas 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 routine bacteriological testing in the Microbiology Laboratory on drinking and receiving water samples and sewage; prepares, plants and transfers samples, confirms presence and type of bacteria following established laboratory practices and methods, and alerts a superior when test results are unusual or if interpretation is in doubt.
- Performs field sampling work related to the work of the Chemistry, Microbiology or Sewage 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 Chemistry Laboratory tests, analyzes unusual samples, and operates complex Chemistry Laboratory equipment such as gas chromatograph or atomic absorption spectrophotometer 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 Sewage 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.
- University Degree in Microbiology and no related experience required 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 M.V.R.D. 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 November 20, 2024.