



**Position Title:** Laboratory Assistant II

**Position Status:** Auxiliary (This position to last not later than December 31, 2024)

**Department:** Liquid Waste Services

**Employee Group:** Teamsters Local 31

**Location:** Annacis Wastewater Treatment Plant, Delta

**Salary Range/ Wage Rate:** PG T17 \$31.97 - \$37.58 hourly

**Our Liquid Waste Services Department is seeking a Laboratory Assistant II who will assist in the day to day operation of the Metro Vancouver Chemistry Laboratory. Responsibilities include working in a laboratory and maintaining cleanliness and orderly arrangement of simple laboratory instrument and labware.**

**You are a recent graduate with courses in science and willing to acquire experience and knowledge in an environmental laboratory. You are a proactive individual with excellent interpersonal and communication skills. Related laboratory work experience would be an asset.**

**This role:**

- Collects wastewater, drinking water or receiving and source water samples on a daily basis from a variety of stations throughout the Metro Vancouver Regional District; visits sample sites according to schedule and aseptically fills pre-labeled bottles according to prescribed sampling routines; may carry out specific projects such as Combined Sewer Overflow sampling; and collects and/or delivers other pollution control samples as required.
- Drives a Metro Vancouver corporate vehicle throughout the Greater Vancouver area to the sample stations and locations; performs routine vehicle maintenance such as checking fluid levels, washing vehicle, and taking vehicle for scheduled servicing.
- Plans work schedules, modifies routes and sampling areas to accommodate staff absences, sampling projects and other temporary changes to the work of the unit as required.
- Uses a chlorine kit, dissolved oxygen and turbidity meters and other equipment; calibrates same and takes and records related measures in the field; fixes samples with chemicals and delivers them to the laboratory for analysis for dissolved oxygen; and measures turbidity levels.
- Maintains records of chlorine residual and other meter readings, time samples taken, temperature and chlorine injection rate; enters related data into the Laboratory Information Management System; maintains and updates a section of a detailed field sampling operations manual.

- Delivers samples to Metro Vancouver laboratory to meet prescribed deadlines, makes periodic assigned trips to deliver samples to other laboratories, and prepares bottles, work sheets and other related items for collection trips.
- Maintains cleanliness and orderly arrangement of laboratory and field equipment and supplies related to the work; and periodically checks and cleans turbidity buoy probes.
- Assists laboratory personnel with tasks related to the daily operation of the chemistry laboratory.
- May provide orientation to new or temporary staff as required.
- Performs related work as required.

**To be successful, you have:**

- Completion of Grade 12 with courses in science; related laboratory work experience would be an asset; or an equivalent combination of training and experience.
- Sound knowledge of various routines, schedules, procedures, apparatus and safety precautions related to the field sampling and collection of water samples throughout the MVRD system.
- Sound knowledge of the location of various MVRD sampling stations, sites and sampling points, of traffic routes in the Greater Vancouver area, and of the collection routes and schedules.
- Ability to use and calibrate specific fragile field test kits and equipment such as a dissolved oxygen meter and automatic sampler, and to exercise care in handling collection bottles and additive chemicals required for chlorine residual and dissolved oxygen test kits.
- Ability to drive a corporate vehicle throughout the Metro Vancouver area to sample stations, to modify routes and sampling areas to accommodate temporary changes to the work of the unit, and to follow routes and schedules and to perform routine maintenance of the vehicle.
- Ability to walk over distances, to lift and carry cases of bottles, to exert sufficient physical effort to remove and replace obstructions to sample points and to check turbidity buoy probes, to exercise agility to collect water samples, and to perform these activities in all weather conditions.
- Ability to maintain records and to follow aseptic procedures for the collection of water samples.
- Ability to adhere to schedules and procedures, to deliver samples on time, to prepare bottles, work sheets and other related items for collection trips, and to maintain cleanliness and orderliness of laboratory and field equipment related to the work.
- Good mechanical aptitude and manual dexterity.
- Skill in the operation of a light vehicle and in driving in all weather, on any road surface and in variable traffic conditions.
- Driver's Licence for the Province of British Columbia.

**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.

We are committed to diversity, equity and inclusion and being representative of the region we serve. We invite all qualified candidates to apply including Indigenous People, visible minorities, immigrants, 2SLGBTQI+, all genders and persons with disabilities. Accommodations will be provided upon request during the selection process.

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*Please follow this link <https://metrovancover.org/about-us/careers> to our Careers page where you can submit your application by March 11, 2024.*