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Position Title: Environmental Biologist, Liquid Waste Services

Position Status: Full-Time Regular

Department: Liquid Waste Services

Employee Group: Teamsters Local 31

Location: 4515 Central Boulevard, Burnaby

Salary Range/ Wage Rate: PG T28 \$3,634.43 - \$4,294.18 bi-weekly

Our Liquid Waste Services Department is seeking an Environmental Biologist who will work collaboratively with a multidisciplinary team of environmental science and engineering professionals to collect and interpret environmental data, and report on various environmental effects monitoring programs and other environmental studies. These projects and programs pertain to the discharge of liquid waste into the local marine and freshwater environment and include physical, chemical and biological components. The overall objective is to improve the understanding of the fate and potential environmental effects of Metro Vancouver discharges, and in turn inform the management of our wastewater collection system and treatment plants. Results will lead to recommendations that will direct future programs, or inform management or policy decisions.

You are: a self-motivated team player who has demonstrated success in working within a multi-faceted team of engineers, technicians, scientists, planners and other professionals to meet the demands of providing high quality results that inform management decisions; a proficient problem solver equally capable of performing the scientific work associated with environmental effects monitoring programs or managing consultants and others performing the work.

This role:

- Leads or participates in the design, development, implementation and review of complex environmental studies, impact assessments, innovative analytical approaches and environmental effects monitoring programs; designs and/or reviews ecological restoration/compensation plans; provides review and sign-off on environmental applications, permits, notifications and other documentation; assesses information needs; recommends priorities, research methodology and implementation strategies and, upon approval, directs and implements same; prepares work plan and related budget estimates and monitors study and/or project budgets.
- Participates in or leads and/or undertakes major research studies and projects related to environmental issues; develops project specifications and/or consulting service requirements; prepares requests for proposal, evaluates same and makes recommendations for contract award.
- In coordination with others, develops, maintains and updates data management systems, databases, and analytical models.



- Assembles, analyzes and provides scientific interpretation of data related to various environmental issues; develops protocols for regulatory compliance; performs statistical and trend analysis to determine past, present and potential future environmental impacts of departmental initiatives, plans and activities; participates in the development of related strategies.
- Participates in the review, development or revision of environmental management policy alternatives, proposed regulations and initiatives; prepares reports, briefings, recommendations and draft policy proposals and/or by-laws for consideration and review by a superior or other staff.
- Establishes and maintains effective working relationships with staff, consultants, municipal and other levels of government, academic institutions, various authorities, First Nations and non-governmental organizations; represents the District on various committees and task forces as/if requested by superior.
- Provides training to staff and makes presentations to various internal and external groups; provides technical advice, assistance and information and promotes awareness of policies, objectives and programs to various stakeholders and staff.
- Directs and/or coordinates the work of consultants and staff engaged in technical and research projects; monitors consulting services and ensures compliance with specifications and addresses related problems.
- Performs related work as required.

To be successful, you have:

- A degree in environmental biology, environmental planning, natural resource sciences or related discipline, preferably at the master's level, eligibility for registration in a professional association related to the work, plus considerable related experience OR an equivalent combination of training and experience.
- Registered Professional Biologist (RPBio).
- Considerable knowledge of federal, provincial, and regional, legislation and regulations, objectives and guidelines, policies and best practices, related to the work.
- Considerable knowledge of the principles, practices, methods and techniques of researching, evaluating and analyzing environmental issues.
- Considerable knowledge of sources of data and current literature, trends, research methodology and developments in fields related to the work.
- Considerable knowledge of the methods, principles and practices of operating field instrumentation, computer and peripheral equipment and software applications related to the work.
- Ability to collect, analyze and interpret statistical, technical and narrative environmental data to prepare clear and concise studies, reports and correspondence.
- Ability to design, coordinate, implement and review complex environmental studies, impact assessments, innovative analytical approaches and monitoring programs and to develop analytical models to assess environmental conditions.
- Ability to lead, design and undertake major environmental research studies and projects and to monitor budgets and contracts.
- Ability to communicate effectively orally and in writing and to make presentations.
- Ability to establish and maintain effective and productive working relationships with a wide variety of internal and external contacts.
- Ability to direct, review, and/or coordinate the work of consultants and staff engaged in technical and research projects.

- 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.

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 May 3, 2024.