



Making a difference...together

Employment Opportunity

Project Engineer

Integrated Water Services – Infrastructure Engineering

Competition Number:	22/331
Location:	Victoria, BC
Employment Type:	Regular Full Time
Hours of Work:	70 hours bi-weekly
Rate of Pay:	\$52.89 to \$59.42 per hour (2021 rates)
Review of applications begins:	4:00pm on December 6, 2022; however, this posting will remain open until filled.

Job Summary

Make a difference and become a part of the Capital Regional District’s vibrant future! Located in Victoria, BC, one of the world’s premier places to live, work and visit, the Capital Regional District (CRD) strives to create liveable, vibrant communities, practice exemplary environmental stewardship and build a prosperous and sustainable economy.

The current focus of this position is engineering planning and design work related to Regional Water/Wastewater Systems and Capital Projects as assigned. The Project Engineer is directly accountable for work in their assigned service area and reports directly to the Manager, Process Engineering and is responsible for the design of water and wastewater facilities.

Qualifications

- Degree in a relevant Engineering discipline (Chemical, Environmental, Mechanical, and Civil Engineering degree) and 10 years relevant experience specific to complex water and wastewater treatment facilities, and the design of facilities that collect, treat and dispose of the wastewater. Consideration would be given to a master’s degree in a relevant Engineering discipline and 6 years relevant experience.
- Membership or eligible for membership in the Association of Professional Engineers and Geoscientists of BC.
- Must possess a valid BC Driver’s Licence (or out-of-province equivalent).

Applications

To apply for this exciting opportunity, please visit www.crd.bc.ca and submit your application on our [careers page](#).

We encourage all interested applicants to apply and may consider those with lessor qualifications, looking at a combination of experience, education and/or training where possible.

NOTE: For the health and safety of our employees, customers and the communities we serve, the CRD requires verification of your COVID-19 vaccination status as a condition of employment.

What is the CRD?

The Capital Regional District (CRD) is the regional government for 13 municipalities and three electoral areas on southern Vancouver Island and the surrounding Gulf Islands, serving more than 432,000 people.

Our administrative boundaries span the Traditional Territories of many First Nations, all of whom have a long standing relationship with the land and waters from time immemorial that continues to this day.

We value the diversity of the people we hire and serve. In our commitment to bring differing perspectives to our workplace, and to deliver the best possible service to our customers, we encourage and welcome applications from all people with diverse backgrounds, abilities, and lived experiences.



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Typical Duties and Responsibilities

People working in this role can expect to be responsible for performing the following duties. This list is not meant to be comprehensive and other related duties similar in scope and complexity may be performed.

- Provides professional certification of work within field of expertise including signing and sealing related design drawings and as-constructed drawings.
- Provides professional and technical expertise, guidance and direction to technicians and staff including acting as project lead as assigned.
- Responsible for project implementation from concept to commissioning specific to water and wastewater systems and facilities.
- Designs, evaluates, and implements a variety of water and/or wastewater systems and facilities.
- Prepares and reviews contract specifications, detailed cost estimates, staff reports, requests for proposals, and tender documents.
- Designs water and/or wastewater systems including treatment plants based on engineering concepts or approves the designs of others.
- Receives, evaluates and recommends acceptance or rejection of tenders.
- Prepares conceptual design including production of contract documents, tender process, construction and start-up of project through to project completion.
- Provides assistance, direction and clarification of contract intent to internal/external stakeholders.
- Provides contract oversight and administration including overseeing, directing, liaising and negotiating with contractor and/ or consultants.
- Provides project oversight and project management ensuring projects are completed on time and within budget.
- Reviews system operations and forecasts potential improvements prior to their need.
- Prepares written technical engineering submissions that can be understood by internal/external stakeholders.
- Ensures current standards are adhered to for design, construction and operational matters
- Upgrades knowledge and experience to evaluate and/or implement engineering standards and practices in compliance with federal and provincial guidelines and legislation.
- Deals with enquiries and complaints from the public and commissions.
- Follows all policies, procedures and standards of the CRD.
- Performs other related duties as required.

Knowledge, Skills and Abilities

To be successful at the CRD, candidates should have a shared understanding of our [Cultural Traits](#) and [Statement of Reconciliation](#) with Indigenous peoples. Additionally, ideal candidates would possess the following role specific knowledge, skills and abilities:

- Excellent communication (verbal and written), interpersonal and customer service skills are required.
- Detailed knowledge of water and wastewater system design, including knowledge of process and treatment plant design.
- Demonstrated experience with water and wastewater processes, treatments and plant designs.
- A thorough knowledge of standards, materials, methods of construction and design, contract administration and engineering operations.
- Demonstrated experience with project management and project oversight working with complex and diverse initiatives.
- Demonstrated experience with contract management including providing direction and oversight while ensuring standards and expectations are met.
- Knowledge of and ability to use various computer word processing, spreadsheet and project scheduling programs and databases.
- Excellent presentation skills with demonstrated ability to communicate complex, technical information to non-technical and technical audiences.
- Demonstrated ability to establish and maintain effective working relationships with internal and external stakeholders.
- Knowledge and understanding of WorkSafeBC practices/protocols, Workers' Compensation Act and OH&S Regulations and other relevant safety statutes.
- Knowledge of federal/provincial/municipal regulations, legislation, codes, standards and guidelines related to water and wastewater.