

## **POSITION: Technical Expert, Water/Wastewater Sector**

### **THE PROGRAM**

The mission of the Environmental Operators Certification Program (EOCP) is: “To protect human health, the environment, and the investment in facilities through increased knowledge, skill, and proficiency of the members of the Program in all matters relating to water treatment and distribution and wastewater collection, treatment, reuse, and disposal.”

### **PURPOSE OF POSITION**

Under general administrative supervision of the Chief Executive Officer, the Water/Wastewater Technical Expert is a water/wastewater expert providing technical advice and input for classification of water treatment, water distribution, wastewater collection, and wastewater treatment facilities.

As a subject matter expert, the Water/Wastewater Technical Expert will apply principles of science and engineering to address drinking water and wastewater management issues in accordance with the EOCP’s Policy and Procedure Manual, Program Guide, and applicable Provincial and Federal Regulations.

This position will provide guidance and recommendations to the EOCP on best practices for drinking water and waste management.

### **NATURE OF WORK AND POSITION**

Drinking water, and wastewater management are of public health issue and environmental concern and affects numerous stakeholders. The position works with stakeholders and recommends policies, strategies and processes and programs to accomplish health and environmental protection goals. The Water/Wastewater Technical Expert reports to the Chief Executive Officer of the EOCP.

The Water/Wastewater Technical Expert will liaise with Health Authorities, the water/wastewater treatment industry, and water/wastewater regulatory counterparts across Canada to provide expertise for the deployment of facility classification processes, Direct Responsible Charge (DRC) protocols, as well as technical expertise for the evaluation of courses for which Continuing Education Units (CEUs) are granted.

**This position is part-time, with a renewable annual contract, and is based at the EOCP offices in Burnaby BC.**

Key duties are:

1. **Facility Classification:** Development of a policies and procedures for the roll-out and implementation of new Facility Classification models – including timelines, stakeholder consultations, appeals processes, and review and amendments as necessary.
2. **Course Review:** Review of course submissions for the Training Registry to ensure relevance and consistency with the ongoing training requirements of Operators.
3. **Direct Responsible Charge:** Review of DRC plans to ensure compliance with the requirements as outlined in EOCP’s Policy and Procedure Manual and Program Guide.
4. **Policy Development:** Evaluates programs and/or policies in water and wastewater treatment and identifies opportunities to improve effectiveness and makes recommendations to the CEO. Leads the development of

policies and guidelines supporting regulatory requirements in the area of water/wastewater treatment. Policies will be developed in consideration of scientific, social, economic and legal contexts.

5. **Reporting:** Prepares technical reports and documents as needed for the CEO.
6. **Presenting EOCP Guidelines and Policies** in public and academic forums, conferences and technical seminars

#### **SPECIAL REQUIREMENTS**

- Valid BC driver's license.
- Must be willing to work occasional evening and weekends
- Must be willing to travel.

#### **EDUCATION AND EXPERIENCE:**

Degree in Science, Engineering, Hydrology, or a related field or a Diploma of Technology in Water Engineering Technology, and five years' related work experience with specialized training in water and wastewater treatment, policy development and health risk assessment, and management. Registration with either the Association of Professional Engineers and Geoscientists of British Columbia as a professional engineer, or with the Applied Science Technologists & Technicians of BC as an Applied Science Technologist (AScT).

#### **SKILLS, KNOWLEDGE, AND ATTRIBUTES:**

Minimum 3-5 years of progressive and varied experience in:

1. Sound advanced knowledge of water and wastewater treatment systems;
2. Knowledge of the BC Drinking Water Protection Act, BC Drinking Water Protection Regulations, BC Water Sustainability Act, BC Water Sustainability Regulations, Yukon Public Health & Safety Act, and the Canadian Drinking Water Guidelines;
3. Conducting design or assessment of drinking water or wastewater management systems, preferably in British Columbia;
4. Developing policy solutions, guidelines and standards for water or wastewater treatment and enhancing programs to meet long-term goals and objectives for public health and environmental protection; and
5. Expertise in risk assessment techniques and approaches to developing risk management principles and actions.

Or an equivalent combination of education, work, and experience.

**APPLICATION:** Please submit your CV and cover letter via email to [eocp@eocp.ca](mailto:eocp@eocp.ca) by April 30<sup>th</sup> 2017. With your application, please also confirm salary expectations and availability.