

## EDUCATION & EXPERIENCE

- ▶ Post-secondary diploma (2 – 3 years) related to the environment (e.g. natural resources sciences, wastewater treatment, pollution control, hydrology, ecology, toxicology, mineralogy, geology, land scape management and civil engineering).
- ▶ Proficiency with word processing, spreadsheet and email software.
- ▶ Must be able to pass a medical test.
- ▶ Must be able to pass a drug test.
- ▶ Willingness to work in a diverse environment.
- ▶ Proficiency in language of operation.

## TRAINING

Universities across Canada offer many different engineering programs. If you are interested in a career in mining, talk to a university program advisor about the best course for you to take. The University of Northern British Columbia ([www.unbc.ca](http://www.unbc.ca)) offers an undergraduate degree program in environmental engineering.

- ▶ The College of New Caledonia (CNC).
- ▶ Coast Mountain College.

If you have your Grade 12 diploma and are interested in exploring your career options in exploration and mining, contact:

- ▶ General educational advisors or First Nations Access coordinators at Coast Mountain College.
- ▶ School of Exploration & Mining advisors at Coast Mountain College.
- ▶ Academic advisors at the College of New Caledonia.

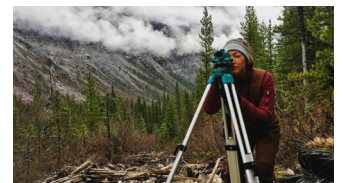
## CAREER ADVANCEMENT POTENTIAL

- ▶ After working as an Environmental Technician, a possibility for career advancement may include Environmental Biologist.

*To learn more about a career as an environmental technician (also known as a civil engineer) (including information about work duties and working conditions, salaries and employment prospects), you can access information in the National Occupation Classification (NOC) System at [www.workbc.ca](http://www.workbc.ca). The NOC code for this occupation is 2131.*

# ENVIRONMENTAL TECHNICIANS

Environmental Technicians / Technologists inspect, maintain, control and manage hazardous waste and waste operations, collect samples, and assist with regulatory compliance and other duties. They perform laboratory and field tests in order to monitor the environment and investigate any sources of pollution, and the work involves travelling between multiple sites and the potential of having to investigate a chemical spill or perform water analysis in lakes or rivers. They also prepare information sessions and help to deliver training on environmental issues.



## JOB DESCRIPTION

We need Environmental Technicians to prevent and control environmental contamination. Working with teams of engineers and scientists, they continuously measure a mine's water, soil and air to ensure compliance with regulations and legislation.

- ▶ Enter and analyze data, write reports and help ensure compliance with environmental regulations and legislation.
- ▶ Participate in multi-disciplinary projects, including hazardous materials survey, abatement and remediation activities, air monitoring, flora and fauna protection, waste audits, and environmental compliance audits.
- ▶ Measure resources, including water, soil and air to monitor pollution levels.
- ▶ Collect and analyze samples from the environment by conducting physical and chemical tests.
- ▶ Control and manage hazardous materials and ensure the proper cleanup of polluted sites.
- ▶ Support implementation of resource deposits and planning of new infrastructure and construction.
- ▶ Manage laboratory equipment and material.

*Seabridge Gold developed its job fact sheets using information from Work BC ([www.workbc.ca](http://www.workbc.ca)), Mining Needs You (<https://miningneedsyou.ca>), and Education Planner BC (<https://www.educationplannerbc.ca>). To learn more about Seabridge Gold and its projects, visit [www.seabridgegold.com](http://www.seabridgegold.com).*