



Water Treatment Plant (WTP) Operator

OVERVIEW

Alexco Resource Corp. owns the majority of the historic high-grade Keno Hill Silver District located in Canada's Yukon Territory. With nearly 1,000 meters of underground development completed at our two new deposits and a robust Pre-Feasibility Study released, Alexco is advancing the district towards a production decision with the goal of production in Q4 2020. This is a great opportunity to be part of the team that is building one of the highest-grade silver operations in the world.

We are looking for an individual that can perform manual labor associated with water treatment operation and maintenance throughout the Alexco Keno Hill mine site, which may require working in unfavorable weather conditions. This role will require occasional long and irregular hours in physically demanding activities (climbing, bending, reaching, lifting) in adverse outdoor environments. You will have the ability to lift and carry tools and equipment, weighing up to 50 pounds. You will regularly travel by vehicle, bus, and/or air transportation to work onsite at the mine. Employees may be exposed to loud noise, dust, inclement weather, and other conditions related to underground mining.

RESPONSIBILITIES

- Perform duties involving activated sludge treatment process, sludge disposal & clarifier cleaning;
- Perform advanced laboratory process control work including use of HACH colorimeters for analysis of dissolved metals in solution, water sampling techniques and calculations for sample dilutions, laboratory calculations for testing, AA Machine and properly calibrate lab and online process instrumentation;
- Apply various treatment technologies used at the mine, including clarifier theory and operations, clarifier cleaning, as well as coagulation-flocculation treatment processes;
- Use of a pH meter, dissolved oxygen meter, and turbidity meter for daily water readings;
- Navigate and use the SCADA/PLC systems to control and operate treatment system, including ability to acknowledge alarms and find historical alarm data within the system, and make process changes;
- Receive task training and be able to safely and competently use the skidsteer, forklift, and loader, along with any other equipment needed within the department;
- Prepare day tanks for chemical distribution systems, including safely make up lime, and polymer day tanks;
- Record treatment plant operational data on daily log sheets, including legibly completing log sheets for all treatment plants;
- Breakpoint chlorination as a treatment process;
- IX plant on site as well as a multimedia filtration knowledge is an asset;
- Knowledge of basic computer skills, with ability to use MS Word, Excel, and Outlook/email.

REQUIREMENTS

- Ability to follow all policies and procedures;
- Knowledge of basic laboratory skills;
- Ability to establish and maintain cooperative working relationships with others;
- Ability to work independently as well as with teams;
- High school/GED or equivalent;
- Two (2) years of water/wastewater treatment experience;
- Possess or received a provisional certification in water or wastewater treatment;
- Two (2) years of water/wastewater treatment experience with mill/underground mining operation.

REWARDS & CULTURE

Alexco Resource offers a competitive remuneration package. We offer a supportive culture that prides itself on teamwork, professionalism, and safety.

CONTACT US

Please apply directly by submitting your resume, to **hr@alexcoresource.com** preferably as a Microsoft Word document. Please note, that due to the number of applications we receive, only those selected for an interview will be contacted. No calls please.