



**BIGSTONE CREE NATION – PUBLIC WORKS
EMPLOYMENT OPPORTUNITY**

Water/Wastewater Treatment Operator

Bigstone Cree Nation is seeking a highly qualified **Water/Wastewater Treatment Operator** who will report to the **Director of Public Works**. You will require the following certificates: Water Treatment Level II, Wastewater Treatment Level I, Wastewater Collection Level I, and Water Distribution Level II. You will be responsible for the operation, monitoring and maintaining of the water treatment plant, pumping stations, motors, gauges and bearings as well as daily monitoring, testing and documentation of chemical levels, measuring, filling, and transporting of chemicals to ensure adequate inventories at plant. You will respond promptly and appropriately to alarms and extraordinary situations as well as investigate resident complaints. You will also perform annual cistern inspections, perform minor plumbing and use various computer programs and tools to mitigate damages to the water treatment plant. The ability to work closely with the BCN Health Department on Truck and cistern sampling as well as BWA's is required. The ability to communicate with residents, TSAG, HC, ISC, contractors and consultants is also required and you must also report to a Health Canada Environmental Health Officer. There is one conventional water treatment plant at Reserve 166C supplying both mains and trucking to the local Reserve, with the remainder of the Reserves being supplied from the Municipal District of Opportunity (MDO) from the Wabasca (Desmarais) Water Treatment Plant through a combination of mains and trucking. There is one (1) pump station and three (3) metering stations, two lagoons (166B and 166C) which collect via truck haul, sewer mains, one low pressure sewer at 166C and one force main from 166D to 166B. Reserve 183 (Calling Lake) is serviced by truck haul to and from the MDO at Calling Lake. Water and wastewater at Reserve 166 (Sandy Lake) is currently serviced by truck haul traveling to and from the MDO at Wabasca (Desmarais).

DUTIES/RESPONSIBILITIES:

- Operate, monitor, and maintain water treatment plant and pumping stations, motors, gauges and bearings;
- Daily monitoring and documentation of chemical levels, measuring, filling, and transporting of chemicals to ensure adequate inventory at plant;
- Treat water to meet Canadian Drinking Water Guidelines and Alberta Environment regulations;
- Respond promptly and appropriately to alarms and extraordinary situations;
- Perform and document daily sampling and analysis of water quality for both Raw and Treated water;
- Perform and document daily meter reading and gauge readings;
- Troubleshooting at water treatment plant, including interfacing with PLC and manually adjusting chemical dosing rate for chemical pumps;
- Perform jar tests to determine appropriate chemical treatment;
- Investigate resident complaints; and
- And other duties as required as this is not an exhaustive list of duties.

QUALIFICATIONS:

- Extensive knowledge and appreciation for Bigstone Cree Nation people, culture, language; history, values, traditions, and extended family relationships;
- Water Treatment Level II, Wastewater Treatment Level I, Wastewater Collection Level I, and Water Distribution Level II;
- Must maintain certificates with appropriate upgrading and training;
- Participate and comply with all aspects of the Health and Safety program and standards;
- Training certificates in H2S, First Aid, WHMIS, Confined Space and Transportation of Dangerous Goods (TDG) and Ground Disturbance – can acquire some of this training after hiring/TSAG;
- Support other operators in training and attaining their certifications;
- Valid Alberta Class 5 Driver's license, clean abstract, and reliable transportation; and
- A criminal record check is required only after a letter of offer is accepted.

Submit cover letter, resume, and credentials (copies of diploma, certificate, etc.) to:

Chris Beauregard, Public Works Manager
Box 428 Wabasca, AB. T0G 2K0
Email: chris.beauregard@bigstone.ca
Ph: 780-891-2422, Fax: 780-891-2155

Posted: January 17, 2024

Deadline: Until a suitable candidate is found

Thank-you in advance to all the applicants. Only applicants that meet the criteria will be contacted for an interview.