

Fort McMurray First Nation Group of Companies (FMFN Group) is the proud business entity of the Fort McMurray #468 First Nation. With over 30 years of experience, FMFN Group has become a leader in providing heavy construction and mining services in the Wood Buffalo Region of Northern Alberta. FMFN Group contributes to our community's overall growth and sustainability by working with local businesses and industry partners.

Reporting to the *Public Works Manager*, the Water/Wastewater System Operator Level 1 (**2 YEAR FULL-TIME CONTRACT**) is responsible for monitoring and operating:

- The treated water reservoir and pumping station (including truck fill station)
- The low-pressure sewage collection systems (STEP) located on each lot, and
- The sewage lift station

The water and sewage systems include a number of automated controlled pumps, monitoring instrumentation and related equipment used to regulate water distribution and the safe collection and handling of sewage. This position will work with/in both treated water and sewage handling facilities. Other responsibilities include daily operations, including collecting field samples, lab testing, organizing data and records management, regular reporting, and maintenance and repair of the facilities, piping network, and related equipment.

RESPONSIBILITIES:

- Operate and monitor the water and sewage systems, including a treated water reservoir, treated water pumping station, low-pressure sewage collection system and sewage lift station.
- Monitor, record, report and maintain all automated controlled pumps, monitoring instrumentation and related equipment (including electronic monitoring equipment, safety equipment, emergency equipment and automation/computer control systems)
- Monitor and inspect plant equipment and systems to detect equipment malfunctions and to ensure plant systems are operating normally
- Read flow meters, gauges, and other recording instruments (including water output measurements, consumption levels, chlorine levels, etc.)
- Collect and test water samples for chemical and bacterial content, analyze test results and instrument readings, and adjust plant equipment and systems to ensure quality control.
- Complete lab testing and coordinate offsite lab testing
- Provide verbal or written instructions for process control changes to waterworks system to ensure water produced meets standardized quality requirements (including to co-workers and reporting facility needs to managers)
- Respond to inquiries regarding water quality issues and emergencies
- Perform minor maintenance or assist skilled tradespersons with installation and repair of plant machinery (including, when necessary, replacing faulty STEP sewage pumps)
- Measure mix and transport chemicals to maintain feedstocks
- Operate and monitor equipment in wastewater lift station (pumping station), including monitoring interaction with the offsite system (coordination with 3rd party)
- Complete and maintain accurate and detailed plant logs, reports, and statistics



- Patrol plant to check pumps, motors, filters, chlorinators, and other plant equipment; monitor and read gauges, meters, and other recording instruments to detect equipment malfunctions and ensure plant systems and equipment operate within prescribed limits. Record and report data to manager; provide observations, insights and recommendations. Perform security checks in plant and on grounds
- Test and adjust chemical feed rates to ensure that disinfection processes meet quality standards
- Collect waste and sewage samples, test and analyze results and adjust plant equipment and systems as required
- Perform preventive maintenance on plant equipment to ensure that the facility operates at or above required standards
- Ensures that Health and Safety is the number one priority by complying with all safe work practices, policies, and processes and always acting in a safe manner
- Assist skilled tradespersons with installation and repair of plant machinery
- Observe all company rules, policies, and procedures about quality control, Occupational Health and Safety, etc.
- Ensure compliance with regulatory requirements and all responsibilities according to the Alberta Environment Act and other Acts and regulations
- All other duties as required

QUALIFICATIONS:

- Grade 12 Diploma or equivalent
- A Water or Wastewater Technician provincial certification is required
- Alberta Environment and Parks certification (or equivalent, such as the Circuit Rider Training Program – *interested candidates to inquire about this training*)
- A current Class 3 Operator's license with Q endorsement is considered an asset.
- Able to effectively communicate both verbally and in writing
- Standard First Aid, CPR, Confined Space Entry, and H2S Alive certifications are required
- Ability to work with minimal supervision in a team and safety-focused environment
- Reliable with a strong work ethic, with sound decision-making and communication skills
- Must be able to respond to emergency calls
- AWWOA (Alberta Water and Wastewater Operators Association) Small Systems Operator Course preferred
- Orenco™ STEP system operator training/familiarity (online webinar courses) preferred
- Proven mechanical and instrumentation aptitude with intermediate knowledge of Microsoft applications and SCADA software

WORKING CONDITIONS:

- Monday to Friday with on-call weekends
- Must be willing to work in unsanitary conditions and all weather conditions (immunizations are strongly recommended for working in unsanitary conditions)
- The incumbent must have the ability to wear SCBA and lift 25 kilograms daily

Please email your resume to info@fmfngroup.com (reference posting #ITF-0121-0531). We want to thank all applicants at this time; however, only candidates selected for interviews will be contacted.

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P.O. Box 6040, Fort McMurray, AB T9H 4W1 T 780 334 2446 fmfngroup.com