



**Utility Treatment Technician – Urban Operations (Temporary)**  
**Public Works Department (Wastewater Treatment)**  
**CUPE 1505**

**Position Type/ Hours:** This is a temporary full-time position working forty (40) hours per week for approximately fourteen (14) months within the Environmental Services (Wastewater) Branch of the Public Works Department. This position is within the CUPE 1505 Bargaining Unit. This position is located in the community of Fort McMurray, the Regional Municipality of Wood Buffalo's urban centre.

**Position Description:** Technicians perform daily activities primarily consisting of the control of the wastewater treatment process, which impacts the quality of effluent. This may include performance of daily maintenance, laboratory, administration, special study, engineering work, or duties with respect to lift stations, lagoons, septage receiving stations, pumping stations, and wastewater treatment facilities.

Primary responsibilities include but are not limited to:

- Operate treatment facilities and lift stations as per provincial and federal guidelines and approvals.
- Respond to all emergency calls and alarms for regional wastewater systems.
- Control, investigate, or correct all operational issues pertaining to lift station pressures, flows, demands, levels, quality, complaints and alarms.
- Update and distribute contingency plans outlining procedures for rapid correction of emergencies, such as power outages, equipment failures, flooding, system contamination, etc.
- Draft, develop, and review written documents pertaining to safety, operation procedures, treatment plant inspections, etc.
- Observe and report wastewater treatment plant abnormalities (treatment appurtenances) and arrange for maintenance issues to be corrected by creating work orders.
- Drawdown testing, and calibration of various chemical dosing pumps and equipment.
- Adjust chemical dosing as required to optimize treatment.
- Monitor the operation and standby power source to assure continuous operation of the wastewater treatment plant and distribution system.
- Train and mentor junior operators and co-op students in the operation and maintenance of the wastewater treatment plants and distribution systems.
- Use, maintain, and calibrate lab equipment and online analyzers.
- Receive, transport, and manage inventory of chemicals.
- Handle, transfer, and mix a variety of chemicals related to wastewater treatment and lab testing.
- Data recording and analysis.
- Review monthly reports for preparation of the annual report.
- Manage, and optimize wastewater treatment system.
- Water sampling to meet license requirements (bacti's, schedule 4s, THMs, chlorine, turbidites, other parameters based on licenses).
- General housekeeping of facilities (cleaning, painting).
- Check and confirm the operation of lift stations during power outages and emergencies.
- Analyze SCADA trends and set points for correct operation noting and reacting to abnormalities or irregularities.
- Open and close valves in lift station to control direction of flow and pressures when required. Turn pumps on and off when required.
- Operate and maintain waste management system, thickeners, DAF, centrifuges and other waste processes.
- Use industrial control systems, visual inspections, and laboratory results to optimize and control the treatment process and maintain plant records, including log books, check sheets, and inventory sheets as well as electronic maintenance and information systems.
- Conduct visual inspections of wastewater treatment facilities including treatment plants, lagoons, and pump stations; remove debris from trash racks as required.
- Operate and maintain sewage lift stations and lagoons in consultation with rural Water Treatment operators.
- Respond to customer inquiries relating to wastewater treatment, odours, etc.
- Test safety devices and complete logs and records as per Alberta Boiler Safety Association, Safety Codes Act, American Society of Mechanical Engineers Boiler and Pressure Vessel Codes.
- Operate loader for compost process operations once certified through the Municipal training program.
- Obtain training and sign off for the operation of other miscellaneous mobile equipment (such as Bobcat, Hotsy and Forklift) for wastewater treatment operations as required.

**Qualifications:** The Regional Municipality of Wood Buffalo will post the position for the required certification level which is necessary at that time, by the Alberta Environmental Protection and Enhancement Act for

facility operations compliance. Each position requires the minimum education and experience needed to obtain that level of certification. Those positions are as follows:

**Level II, Wastewater Certification**

High School Diploma or GED equivalent.

1.2 CEUs or applicable approved entry-level training.

Three (3) years' related operating experience in a Class I or higher approved or registered facility.

**Level III, Wastewater Certification**

High School Diploma or GED equivalent.

Minimum two (2) year post-secondary Diploma in the environmental field, engineering or related science discipline, or ninety (90) CEUS.

Four (4) years' operating experience, at least two (2) of which must be in a Class II or higher approved or registered facility. Experience must include two (2) years of supervisory/leadership experience.

**Level IV, Wastewater Certification**

High School Diploma or GED equivalent.

Minimum four (4) years' post-secondary Diploma in the environmental field, engineering or related science discipline, or one-hundred and eighty (180) CEU's.

Five (5) years' related operating experience, at least three (3) of which must be in a Class III or IV facility.

Experience must include three (3) years of supervisory/leadership experience, with a minimum 2 years in a Class II or III facility, and one (1) year in Class III or IV approved or registered facility.

Employees will be required to challenge each level exam within a one-year period of acquiring necessary education and experience.

You will possess the following:

- Valid Alberta Class Five (5) driver's licence is required (clear driving record is an asset).
- Valid First Aid Certificate must be obtained within six (6) months of hire.
- Proven experience working in a computerized environment.
- Ability to understand and execute verbal and written instructions, read blueprints, and interpret plans and specifications.
- Ability to work around high voltage equipment in hazardous, unsanitary, and all-weather conditions (immunizations are strongly recommended).
- Ability to establish and maintain cooperative and productive working relationships.
- Must be medically and physically able to perform all duties of this position on an ongoing basis.
- Will be required to work in confined spaces and handle hazardous chemicals.

**Salary Range: Level II – Pay Level 8**

Market Rate

\$44.30 (Start Rate)

\$51.88 (Permanent Rate)

Evaluated Rate

\$40.80 (Start Rate)

\$47.91 (Permanent Rate)

**Level III – Pay Level 11**

Market Rate

\$46.91 (Start Rate)

\$54.93 (Permanent Rate)

Evaluated Rate

\$44.99 (Start Rate)

\$52.88 (Permanent Rate)

**Level IV – Pay Level 13**

Market Rate

\$52.12 (Start Rate)

\$61.04 (Permanent Rate)

Evaluated Rate

\$48.04 (Start Rate)

\$56.60 (Permanent Rate)

*\*Permanent rate effective after twelve (12) months of employment.*

*\*\*All CUPE Job rates are currently under review and are subject to change*

*\*\*\*Rate has been adjusted to reflect market conditions\*\*\**

Under the *utility operator premium program* water, water collections, and distribution operators who obtain Level 4 licenses in their primary discipline area will be paid a synergy wage premium. The wage premium will be \$2.00 per hour for each additional valid operator certification in the other 3 disciplines up to an additional \$24.00 per hour.

**In addition to the rate of pay, we offer other attractive incentives:  
-an additional bi-weekly payment of \$480 which represents a cost of living allowance**

**Requisition  
Number:** 005427

**Closing Date:** February 17, 2019 at 11:59 PM

**Posting Type:** Internal and External (Posted: February 2, 2019)

To apply: Please visit our website at [www.rmwb.ca](http://www.rmwb.ca)  
We appreciate the interest of all applicants; however, only those individuals  
selected for interviews will be contacted.  
Late applications will not be accepted.