



Job Posting – Ambient Air Monitoring Field Technician

Wood Buffalo Environmental Association

The Wood Buffalo Environmental Association (WBEA) monitors the environment of the Regional Municipality of Wood Buffalo in north-eastern Alberta. Our environmental monitoring work is the most integrated and intensive focus on air and terrestrial monitoring in any one area, anywhere in Canada. The WBEA is committed to reporting accurate and timely high-quality data from our Ambient Air Monitoring and Deposition monitoring programs to ensure regional stakeholders have the information they need to make informed environmental decisions. For more information, visit: <http://www.wbea.org>

The Role

The WBEA is currently seeking a full-time Ambient Air Monitoring (AAM) Field Technician. The AAM Field Technician is responsible for operating and maintaining air quality monitoring stations within the Wood Buffalo Environmental Association's (WBEA) Ambient Air Monitoring (AAM) Network. This role ensures that analyzers and meteorological sensors are calibrated, maintained, and producing high-quality data in accordance with WBEA's Quality Assurance Plan (QAP), the Alberta Air Monitoring Directive (AMD), and established Standard Operating Procedures (SOPs).

Position Responsibilities

Reporting to the AAM Lead, you will:

- Perform daily system checks to verify proper analyzer and sensor operation and prioritize field work based on performance data.
- Conduct monthly calibrations and routine maintenance on analyzers and support systems (e.g., manifold cleaning, PM head cleaning, filter changes, gas cylinder replacements).
- Troubleshoot analyzer and data-acquisition issues in the field and complete repairs as able; escalate complex issues to senior technicians or contractors.
- Maintain accurate documentation, including calibration logs, and station visit records.
- Perform meteorological sensor inspections, audits, and repairs as assigned.
- Maintain site compounds, including vegetation control, snow removal, and general upkeep.

Qualifications

- Post secondary education in environmental science, chemistry, atmospheric science, or related technical field; an equivalent combination of education and experience will be considered.
- Minimum of 2 years of relevant experience.
- Strong mechanical aptitude and ability to troubleshoot analytical or electronic systems.
- Excellent organization, communication, and time management skills.
- Proficient in Microsoft Office Suite, including Word, Excel, and Outlook.
- Flexibility and adaptability to accommodate changing schedules and extended work periods.
- Attention to detail, accuracy, and confidentiality while handling sensitive or regulatory information.
- Physically capable of performing field duties, including the ability to work independently in remote and adverse environmental conditions.
- A valid driver's license with a clean driving record.



Schedule: Full-time, 40 hours per week at eight (8) hours per day from Monday to Friday. Overtime (up to 12 hours per day) may be required periodically, depending on operational needs.

Employment Status: Full-time, permanent

Salary: \$70,000 – \$103,000 commensurate with experience, qualifications, and skills.

Candidates who exceed the minimum experience requirements will be considered and commensurate based on prior direct experience.

We offer our employees an attractive compensation package that includes a competitive salary, above-market group health benefits, a group RRSP plan, a northern allowance, and a commitment to career development.

Work Location: This is a local position, reporting to the WBEA Centre in Fort McMurray, Alberta.

Pre-Employment Requirements:

- Drug & Alcohol testing
- Valid Class 5 Driver's license, a clean driving record, and the ability to travel throughout the Regional Municipality of Wood Buffalo
- Criminal record check

Application Deadline: Friday, October 31, 2025, at 8:00 a.m. MST

Application Instructions: Please submit a resume and cover letter that outlines why your skills, experience, and personality would make you an excellent candidate for the AAM Technician role at the WBEA. If you are interested in joining our team, please apply here:

<https://www.fitzii.com/apply/95648?s=c1>

We thank all applicants for their interest. Only those selected for an interview will be contacted.

Disclosure regarding the Pre-Employment Requirements:

As part of the hiring process, candidates must declare if they have any civil or criminal conviction history that may prevent them from fulfilling the roles and responsibilities of the position for which they are applying. This requirement is necessary to ensure the safety, integrity, and operational effectiveness of our organization. We are committed to respecting privacy laws and handling all personal information in accordance with applicable privacy legislation. The collection of this information is justified under the principle that certain convictions may directly affect the candidate's ability to perform specific duties, adhere to legal requirements, or maintain a safe work environment. The evaluation process will consider only relevant conviction history directly related to the job's responsibilities. The WBEA will handle this information with strict confidentiality and fairness, with only Human Resources having access, ensuring that all decisions are made in compliance with employment and human rights legislation.