



## IDENTIFICATION

<b>Department</b>	<b>Position Title</b>	
Environment and Climate Change	Seasonal Forest Field Technician	
<b>Position Number</b>	<b>Community</b>	<b>Division/Region</b>
23-17348	Hay River Reserve	Forest Management Division

## PURPOSE OF THE POSITION

The Seasonal Forest Field Technician (Field Technician) is responsible for the collection of forest mensuration data and other related field work throughout the territory. The collected data will be used in further developing the Division's seasonal programming. The position will be in place seasonally for four (4) months, from May to August. Arrangements may be made to accommodate a candidate's education program.

## SCOPE

Located on the Hay River Reserve, adjacent to the town of Hay River, and reporting to the Forest Resources Technician (Resources Technician), the Seasonal Forest Field Technician works closely with the Forest Management Division (FMD; Division)'s foresters to effectively execute assigned field programming tasks. With necessary guidance, the position is responsible for the collection of forest measurements, data entry and quality assurance throughout the field season. The data collected through these activities will increase the Division's knowledge base regarding forest change and sustainability and will have an impact on decision making by forest managers.

The Forest Management Division (FMD) provides policy, planning and regulatory framework for stewardship, protection and sustainable management of forest resources on 80 million hectares of forested land in the Northwest Territories (NT). This role is pursued through interrelated programs, developed and coordinated by the FMD and implemented through the department's five regions.



## **RESPONSIBILITIES**

- 1. With direction from the Forest Resources Technician, collects forest mensuration data from across the Territory.**
  - Establishes Permanent Sample Plots and Temporary Sample Plots to provide a long-term measurement dataset and assist with sustainable forest management decisions.
  - Accurately collects forest measurements, such as tree heights, diameters, tree ages, crown closure, soil classification and vegetation identification.
  - Be proficient with forest mensuration equipment, such as an inReach, GPS, compass, prism, increment borer, soil auger, diameter tape, distance tape and hypsometer.
  - Utilizes data collection software accurately.
  - Provides guidance to a summer student while conducting field measurements.
  - Demonstrates safe work practices.
  - Mobilizes, demobilizes and organizes project specific field equipment.
  - Make purchases and track expenditures related to the field program. Monthly Visa reconciliation.
- 2. With guidance from the Forest Resources Technician, assists with silvicultural projects throughout the Territory.**
  - Establishes Permanent Sample Plots and Temporary Sample Plots to aid monitoring regenerative growth of seedlings.
  - Assists with reforestation and pre-commercial thinning operations.
  - Assists with seed collection to expand our seed bank.
- 3. With direction from the Forest Resources Technician, helps maintain, organize and clean storage areas, forest mensuration equipment and mobile equipment.**
  - Ensures the compound and storage unit is neat and orderly as well as proper procedures and policies are being followed.
  - Assists in organizing forest mensuration equipment from field operations, cleaning equipment, noting missing or damaged equipment and placing equipment in storage.
  - Other duties as assigned.

## **WORKING CONDITIONS**

Fieldwork is a mandatory and significant part of this position. This position may require fieldwork up to 14 weeks per year, of 4 months (approximately 17 weeks) of their employment.

## **Physical Demands**

During fieldwork, the incumbent is required to use boats, ATVs, aircraft, chainsaws, small engine equipment, to do heavy lifting and carrying, and to hike through unbroken terrain, often



10-hours per day. Travel to communities and worksites may require long hours or driving long distances.

### **Environmental Conditions**

During the fieldwork, exposure to biting insects, adverse weather such as wind, rain, cold, heat, and wildlife may occur. Reconnaissance flights require some time spent in small aircraft.

### **Sensory Demands**

The position requires concentration and alertness during fieldwork for safety reasons including environmental, wildlife, and mechanical issues. Field data collection requires the ability to make precise measurements, use precision equipment, and have attention to detail.

### **Mental Demands**

The incumbent travels and works away from home and may be required to travel occasionally for meetings or training.

There can be pressure on the incumbent from time to time to meet tight field work deadlines related to weather and budget.

### **KNOWLEDGE, SKILLS AND ABILITIES**

- Ability to accurately perform forest mensuration and vegetation identification.
- Ability to utilize forest mensuration equipment.
- Ability to assist with silvicultural activities.
- Ability to utilize navigational equipment while traversing through unbroken terrain. Knowledge of safety procedures while working in remote locations and amongst wildlife.
- Ability and willingness to work in adverse weather conditions and difficult terrain.
- Familiarity and comfort with small engines such as ATVs and chainsaws.
- Knowledge of methods to enter, transcribe, record, store and maintain information in written or electronic form (e.g. Survey 123).
- Ability to process information by compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data.
- Ability to collaborate with and engage others to accomplish goals.
- Ability to establish and maintain constructive and cooperative working relationships with internal and external stakeholders and colleagues.
- Ability to commit to actively upholding and consistently practicing personal diversity, inclusion and cultural awareness, as well as safety and sensitivity approaches in the workplace.



**Typically, the above qualifications would be attained by:**

Enrollment in a forestry or natural resources related program and one season of forest mensuration experience.

Equivalent combinations of education and experience will be considered.

**ADDITIONAL REQUIREMENTS**

- A valid Class 5 Drivers License.
- Physical fitness to perform activities that require considerable use of your arms and legs and moving your whole body, such as hiking long distances, climbing, lifting, balancing, walking, stooping, and handling of materials.

**Position Security (check one)**

No criminal records check required  
 Position of Trust – criminal records check required  
 Highly sensitive position – requires verification of identity and a criminal records check

**French language (check one if applicable)**

French required (must identify required level below)

Level required for this Designated Position is:

ORAL EXPRESSION AND COMPREHENSION

Basic (B)  Intermediate (I)  Advanced (A)

READING COMPREHENSION:

Basic (B)  Intermediate (I)  Advanced (A)

WRITING SKILLS:

Basic (B)  Intermediate (I)  Advanced (A)

French preferred

**Indigenous language: Select language**

Required  
 Preferred