

*Natural Resource Manager – Forest Inventory  
Land Services Department  
Natural Resource Mgmt Division*



**CROW WING COUNTY**

BRAINERD, MINNESOTA 56401

**POSITION OBJECTIVE:**

This is a professional position which is responsible for implementing forest resource management principles and techniques in a designated management area of the county to sustain healthy, diverse, and productive forests on county-administered lands. The position also is responsible for developing and implementing forest inventory programs and practices on a county-wide basis to insure forest inventory is accurate, well-maintained and consistently updated.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**

- Assist with development of county-wide annual Harvest Plan for various tree species followed by timber sale implementation to achieve goals.
- Interpret aerial photos proficiently to delineate various timber types through color differentiation, determine harvest and ownership boundaries, negotiate efficient travel through the forest, and determine access needs.
- Determine overall operability of potential timber harvests and cruise timber to determine volumes of various tree species.
- Design and implement programs and practices to update County forest inventory.
- Apply new technologies to inventory management utilizing GIS technology and field applications that enhance accuracy and efficiency.
- Communicate with the public as to policies and management practices on county managed forest lands.

**MINIMUM QUALIFICATIONS:**

- Bachelor of Science degree in Forestry, Wildlife or related Natural Resource Management field of study.

**DESIRABLE QUALIFICATIONS:**

- Advanced knowledge of GIS database and applications development, particularly with respect to forest inventory applications in field-based settings.
- One year or more experience within related technical/functional work area including assignments related to forest inventory and timber sale management, or one year or more of graduate studies in a related field.

**KNOWLEDGE, SKILLS AND ABILITIES:**

- Ability to work independently to schedule and complete tasks within required time frame.
- Requires a thorough knowledge of Minnesota Silviculture.
- Requires knowledge of Minnesota forest resource management practices and techniques.
- Requires the ability to efficiently utilize forest management related software.
- Requires knowledge of quality hardwood management strategies.
- Requires knowledge of cruising methods, scaling methods, compass work and a basic understanding of surveying methodology.

**TERMS OF EMPLOYMENT:** Salary: Dependent on Qualifications with full county benefits. Regular full-time.

**DEADLINE FOR APPLICATIONS:** A Crow Wing County application is required. The position is open until filled, however the review of applications will begin on August 17, 2009.

**APPLICATIONS AVAILABLE AT:**

[www.co.crow-wing.mn.us](http://www.co.crow-wing.mn.us)

or contact:

Office of Human Resource

Crow Wing County Courthouse

326 Laurel Street, Suite 12

Brainerd, MN 56401

Phone: (218) 822-7030 Fax: (218) 822-7031

Email: [cwcemployment@co.crow-wing.mn.us](mailto:cwcemployment@co.crow-wing.mn.us)

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