

Rachel Brock, CCF

Associate Consultant, Forest Technician

- **B.S. in Forestry**, *University of Tennessee, Knoxville*
- **Society of American Foresters**, *Candidate Certified Forester Technician*

In my role, I develop and write forest management plans that incorporate landowner objectives, sustainable forestry practices, silvicultural prescriptions, harvest planning, and regeneration plans. To ensure operational precision, these plans integrate data collection and the utilization of GIS tools for map creation. In conjunction, I pilot timber cruising appraisals and execute timber marking to prepare stands for active harvests.

Within our carbon consulting division, I conduct property assessments and measure timber volumes to evaluate land eligibility for carbon market programs by mapping qualifying acreage using FIA stand delineation methods. Furthermore, I have assisted in the validation of a carbon project developer, providing critical oversight through onsite observations and PDD review.

I assist in directing large-scale, multisite reforestation planting operations on degraded agricultural lands. I manage field planting crews to ensure strict adherence to comprehensive master plans, verify correct species selection and planting densities, and conduct rigorous audits of active plantings. Throughout these phases, I use field area calculations to measure and calculate planting densities and leftover stock.

Additionally, I help to bridge the connection between state, federal, and private landowners through an extension program aimed at educating landowners.