

MTM Environmental, LLC
Job Announcement

Seasonal Biological Science Technician

Position: Seasonal Biological Science Technician

Employer: MTM Environmental, LLC

Location: Varies by project

Report To: Amy Gaddy, Managing Director

Job Type: Seasonal or Term

We maintain ongoing recruitment for this role; applications are reviewed as they are received.

Please submit applications to: amy@mtmenvironmentalllc.com

About Us:

MTM Environmental, LLC (“MTM”) is a U.S. Small Business Administration Certified Woman-Owned Small Business (“WOSB”) established in 2021 that specializes in ecological consulting. Our core team includes a Certified Wildlife Biologist®, a Certified and Registered Forester (AL/GA), a Certified Financial Officer, and seasonal staff with extensive field expertise.

MTM provides services such as wildlife surveys, vegetation studies, stream and environmental DNA sampling, wetland delineations, conservation planning, mapping, and drone imagery. Since inception, we have supported conservation efforts across the Southeast, Northeast, Midwest, and Western United States—protecting more than 13,400 acres and conducting wildlife sampling on over 61,000 acres.

MTM Environmental, LLC conducts a variety of environmental assessments, generating accompanying reports and deliverables to the clients. The main task of the Biological Science Technician will be to assist with field sampling and flora species reporting on protected lands. This includes rare plants, non-native invasive plants, wildlife surveys, timber cruising, stocking surveys, and other tasks.

General Description:

The Biological Science Technician position is a full-time, term position responsible for conducting fieldwork, species identification, and reports related to habitat assessments, plant surveys, wildlife surveys, and other projects as needed. The position provides a competitive salary. The responsibilities vary by project, but generally include gathering project materials, conducting environmental field assessments, wildlife surveys, plant species identification and documentation, field data entry, photographs, maps, and written reports. The position will entail a significant amount of fieldwork during the term. Projects include federal government lands across the continental United States.

The main objective of this position is to complete a wide variety of field projects. These projects range from surveys for rare and threatened plants, and/or non-native invasive plants, as well as

general land management planning on various tracts, to timber cruises, stocking surveys, and common stand exams. Other projects may include wildlife surveys, including the use of bioacoustics recording equipment.

The Biological Science Technician must have experience and training with taxonomic keys, and formal education related to species identification. Much of this work requires field orientation, long hours, navigating diverse and difficult terrain, working independently in remote areas, significant travel, plant identification, operating a GPS, exceptional organization and note taking while in the field, and the ability to carry up to 40 lbs. All activities must be conducted by methods in compliance with the MTM Standard Operating Procedures and the Employee Handbook. The Biological Science Technician works in conjunction with other staff and provides support and assistance with conservation projects. At any given time, multiple projects may be underway concurrently. This position is an entry level position with many opportunities for professionals that are just beginning their career, as a way to try many different areas of study to gain perspective and direction.

MTM will provide pertinent training, protocols, survey equipment (if needed), and safety gear (e.g., SPOT X satellite communication unit, bear spray, first-aid kit, etc.) to technicians at the beginning of the season, before beginning fieldwork.

Responsibilities¹

- Conduct field assessments and botanical/wildlife surveys in accordance with established protocols and project guidelines.
- Identify and document plant species, including noxious weeds, using field guides and taxonomic keys.
- Assess vegetation communities and habitat conditions, and record data on plant abundance, density, and health.
- Identify and document wildlife species using field guides and taxonomic keys.
- Conduct forest inventories ranging from stocking surveys to common stand exams.
- Collect and analyze field data, including GPS coordinates, photographs, and detailed field notes, as well as utilization of Survey123.
- Collaborate with team members to ensure accurate and efficient data collection and reporting.
- Adhere to safety protocols and ensure compliance with environmental regulations.
- Must be capable of significant travel. Ability to drive a vehicle with a trailer, operation of off-road vehicles and kayaks for field work, or the ability to learn these skills, in order to include a complete ecological and photographic inventory of each property.
- Accurately record and document field data, ensuring precision and attention to detail, following survey protocols.
- Submit data (datasheets, photos, GPS, and GIS data, etc.) and timesheets to project lead on a timely basis, as requested.
- Maintain and troubleshoot field equipment, including optics, GPS devices, cameras, personal computer/tablet, cell phones, and Spot X devices.

¹ Responsibilities vary by project.

- Hike long distances off trail in rugged terrain on a regular basis, often in hot temperatures.
- Car camp or dispersed camp daily, often without cell service or facilities.

General Requirements:

- Bachelor's degree (or seeking) in Biology, Botany, Ecology, Forestry, Wildlife Science, Environmental Science, or a related field.
- Knowledge and experience in plant identification or the ability to learn quickly.
- Strong understanding of ecological concepts and survey methodologies.
- Previous experience conducting wilderness surveys and botanical assessments preferred.
- Proficiency in using taxonomic keys, field guides, and other resources.
- Excellent outdoor skills, including navigation, map reading, and backcountry camping.
- Ability to work independently in remote locations, often under adverse weather conditions.
- Strong organizational skills and attention to detail in data collection and reporting.
- Proficient in using GPS devices and other field equipment.
- Effective communication skills, both written and verbal.
- Ability to work well in a team and collaborate with other professionals.
- Field skills for navigating, surveying, and mapping landscapes and features, including an understanding of basic map-reading, compass use, and a basic knowledge and understanding of GIS, GPS, and hand-held devices.
- PC competence and fundamental computer programs (Word, Excel).
- Practical problem-solving and organizational skills with attention to detail for record keeping.
- Ability to work independently, manage time efficiently, and multiple activities while delivering quality results.
- Ability to hike and perform physical activities such as kneeling, bending, prolonged standing, and carrying a pack up to 40 lbs.
- Comfortable working in inclement weather, extreme temperatures, rough and variable terrain, toxic plants, stinging and biting insects, and wildlife hazards.
- Comfortable working in remote locations with limited cellular or internet access.
- Ability to travel, often requires extended stays of weeks or months. Position requires occasional weekend work. Projects generally require car camp or dispersed camping daily, often without cell service or facilities.
- Ability to hike on and off trail.

Applicants must possess the following items:

- Hiking, camping, and backpacking gear (including gear for rain, cold, potable water etc.).
- Working laptop/tablet for data entry.
- A 4WD/AWD personal vehicle is required. Personal vehicles must be able to handle variable road conditions characteristic of the region, e.g., muddy, sandy, and rocky terrain.

Benefits:

- Starting at \$18+ per hour, based on experience (Intern rates will vary based upon experience. Please inquire if applying for internship).
- All work-related mileage incurred in execution of responsibilities using a personal vehicle will be reimbursed at the current federal mileage rate.
- In-person training will be provided for each project.

To Apply:

If you are passionate about conservation and thrive in challenging field environments, we encourage you to apply. Join MTM Environmental in advancing responsible land and resource management while building your field experience. Please submit a cover letter detailing your interest and qualifications, your CV or resume, and contact information for three references to Amy Gaddy (Amy@mtmenvironmentalllc.com). If applying as an intern, please indicate this in your application.